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LAMPIRAN



Lampiran 1. Karakteristik Responden

Nama	Usia (Thn)	Berat Badan (Kg)	Tinggi Badan (Cm)
Sesario	20	63	183
Nanda	22	60	175
Reza	22	59.8	156
Alief	21	65	165
Fadil	21	58	163
Laode	20	53	155
Ihwan	21	56	160
Lukman	23	87.5	177
Rata-rata	21.25	62.79	166.75
standar deviasi	1.04	10.67	10.38

Lampiran 2. Data Handgrip

1. Suhu ruangan 18⁰C Usia 18-22 Tahun

NAMA	18 C											
	MENIT 0		MENIT 30		MENIT 60		MENIT 90		MENIT 120		MENIT 150	
	A	B	A	B	A	B	A	B	A	B	A	B
Sesario	38.5	32	40.8	33.2	41	34.3	37	31.8	39.3	32	38	29
Nanda	35.2	26.3	33.6	28.9	31.5	27.4	32	27.8	30.7	26.9	33.8	28
Reza	39.5	33	35.7	32.1	39.5	32.9	38.7	33.9	40	35.1	38.2	32
Alief	42	32.7	38	31.8	37.1	30	40.7	32	41.3	32.1	44.3	34.6
Fadil	35.8	31.6	34.7	29.8	34.1	29.2	36.7	29.5	36	30.4	34.9	28.3
Laode	32.1	28.2	33.6	26.1	32.2	28.2	36.4	27.3	32.6	27.5	33.8	29.4
Ihwan	32.5	27.9	35.5	28.6	32.5	28.9	33.8	28.8	33.7	28	32.8	25.9
Lukman	47.5	38.7	50.3	39.5	52.5	38.1	57.8	39.2	49.6	37.8	52.6	39.1
Rata-rata	37.8875	31.3	37.775	31.25	37.55	31.125	39.1375	31.2875	37.9	31.225	38.55	30.7875
Standar Deviasi	5.16013	3.89798	5.60452	4.03661	6.99019	3.66907	8.00320	3.92152	6.04743	8.00320	6.78654	4.27732

2. Suhu ruangan 18⁰C Usia 35-45 Tahun

NAMA	18 C											
	0		30		60		90		120		150	
	A	B	A	B	A	B	A	B	A	B	A	B
Pak Akbar	39.4	32.4	42	34.5	37.8	30.8	39.6	33	37.7	34.4	37.2	32.8
Pak John	38.4	31.5	40.4	34.9	37.8	32.9	38.5	30.6	37.8	30.7	36.8	34.2
Pak Nur Syam	39.5	33	35.7	32.1	39.5	32.9	38.7	33.9	40	35.1	38.2	32
Pak Khairuddin	43.6	36.7	41.3	33.6	39.6	33.7	40.7	34.2	41.6	35.8	38.3	34
Pak Ramli	48.4	37.4	43.2	35.6	42.6	35.8	42.2	34.7	40.3	34.9	38.6	33.5
Pak Zul	44.2	34.2	42.5	33.2	43.5	36	42.8	35.3	39.4	34.2	43.2	33.5
Pak Tahir	36.9	33.1	39.4	32	38.3	33.9	40.6	32.6	39.5	29.5	37.5	30.4
Pak Heri	45.2	38.7	43.5	37	44.2	38.1	43.1	39.2	39.5	35.2	40.3	34.9
Rata-rata	41.95	34.625	41	34.1125	40.4125	34.2625	40.775	34.1875	39.475	33.725	38.7625	33.1625
Standar deviasi	3.974203	2.631539	2.547828	1.72911	2.625935	2.275922	1.790251	2.493098	1.278112	2.312543	2.087334	1.421204

3. Suhu ruangan 24⁰C Usia 18-22 Tahun

NAMA	24 C											
	MENIT 0		MENIT 30		MENIT 60		MENIT 90		MENIT 120		MENIT 150	
	A	B	A	B	A	B	A	B	A	B	A	B
Sesario	41	31.4	37.6	31.9	43.1	30.1	39.6	33.2	38.2	31.4	38	30
Nanda	34.5	29	35	30.1	32.7	28.6	34.7	27.9	34.6	27	33	28.6
Reza	38.6	33.9	41.7	34.3	38.5	32	37.8	31.6	37.7	34.2	39.4	33.2
Alief	50.4	32.5	40.1	32.8	39.1	32.1	38.2	29.7	37	31.4	40.5	30.2
Fadil	37.6	30.8	34.5	27.6	35.2	29.2	33.9	26.9	33	27.9	35.8	31
Laode	36	29	35.2	27	32.6	26.8	32.8	28.3	35.2	27.2	33.4	27.4
Ihwan	34.1	27.4	36.2	30.7	35	29	32.5	27.6	36.3	29.7	34	28.2
Lukman	53.6	38.4	57.6	38	52.8	37.7	62.5	39	59.2	41.6	54.2	40.2
Rata-rata	40.725	31.55	39.7375	31.55	38.625	30.6875	39	30.525	38.9	31.3	38.5375	31.1
Standar Deviasi	7.355222	3.467399	7.658783	3.585287	6.734506	3.33314	9.855238	4.041835	8.378374	4.839421	6.921383	4.09878

4. Suhu ruangan 24⁰C Usia 35-45 Tahun

NAMA	18 C											
	0		30		60		90		120		150	
	A	B	A	B	A	B	A	B	A	B	A	B
Pak Akbar	43.2	35	41.3	34.6	37.7	31.5	39.1	33.5	37.8	32	37.2	31.6
Pak John	37.9	33.6	39.6	35	39.7	33	36.9	34	35.7	29.5	36.8	32.3
Pak Nur Syam	38.6	33.9	41.7	34.3	38.5	32	37.8	31.6	37.7	31.4	39.4	33.2
Pak Khairuddin	44.2	32.5	41.9	35.9	42.5	36.4	38.6	32.1	40.2	34.9	40.5	35.7
Pak Ramli	45	36.9	45.5	34.7	42.1	36.7	40.3	34.8	45.7	36	42.3	34.1
Pak Zul	43.2	33.2	44.5	34.6	43.5	35.4	40.2	33.9	37.9	33.2	38.1	32.1
Pak Tahir	38.7	31.5	39.6	31.4	39	33.2	39.6	34.2	40.2	34	39.4	32.7
Pak Heri	42.1	35.2	39	35.7	42.3	37.7	44.6	37.3	45.8	35.2	40	34.8
Rata-rata	41.6125	33.975	41.6375	34.525	40.6625	34.4875	39.6375	33.925	40.125	33.275	39.2125	33.3125
Standar deviasi	2.797671	1.696846	2.346997	1.381252	2.181701	2.35095	2.318212	1.738431	3.762883	2.193985	1.812211	1.43172

5. NON AC Usia 18-22 Tahun

NAMA	18 C					
	MENIT 0	MENIT 30	MENIT 60	MENIT 90	MENIT 120	MENIT 150

	A	B	A	B	A	B	A	B	A	B	A	B
Sesario	38	33.1	42.5	32.7	39.2	30	35.6	29.8	31.6	27.9	36.4	29.1
Nanda	33.4	27.8	35	29	32.5	27.9	32.2	26.8	34.6	30.2	36.6	29
Reza	40.2	33	42.6	30.6	39.2	34	36.7	30.2	36.9	31	37.8	32.1
Alief	37.9	32.1	39.7	33.1	38.1	34.1	42.1	33	40.8	30.2	37.6	30
Fadil	33.8	28.4	36.7	30.1	34.9	27.6	34.2	28.1	33.4	29	36	29.4
Laode	32	25	31.3	24.6	32	28.3	32.4	29	32.2	27.3	31.7	25.3
Ihwan	37.6	30.4	34.6	27.6	33.9	29.5	34.2	27.2	33	27	33.6	28.5
Lukman	52.6	41.4	68.5	45.2	55.2	39	52.5	43.6	58.8	40.7	56.9	44
Rata-rata	38.1875	31.4	41.3625	31.6125	38.125	31.3	37.4875	30.9625	37.6625	30.4125	38.325	30.925
Standar Deviasi	6.46627	4.92602	11.6572	6.13454	7.47639	4.02847	6.82734	5.46833	9.04827	4.40630	7.78400	5.60707

6. NON AC Usia 35-45 Tahun

NAMA	18 C											
	0		30		60		90		120		150	
	A	B	A	B	A	B	A	B	A	B	A	B
Pak Akbar	39.1	33.5	38.1	33.7	35.8	32.1	35.5	29,7	34.2	31.2	37.6	32
Pak John	40	34.6	38.1	31.6	38.5	31	37.6	30.2	35.7	30.1	36.8	30.4
Pak Nur Syam	40.2	33	42.6	30.6	39.2	34	36.7	30.2	36.9	31	37.8	32.1
Pak Khairuddin	38.2	33.7	42.6	34	38.7	35.1	36.7	32.5	35.7	33	38	32.6
Pak Ramli	41.8	36.2	40.1	35.7	39.6	35.6	38.9	33.8	39.2	35.2	38.3	34
Pak Zul	39.4	32.1	39.7	33.5	42.1	35	42.8	34.6	38.5	32.3	40.8	34.8
Pak Tahir	39.7	33.9	35.6	33.5	39.7	34.2	38	32.8	38.6	31.4	38	30.5
Pak Heri	43.2	34.5	42.5	36.2	38.6	36	39.5	34.6	38.9	36.2	40.4	35.5
Rata-rata	40.2	33.9375	39.9125	33.6	39.025	34.125	38.2125	32.67143	37.2125	32.55	38.4625	32.7375
Standar deviasi	1.590148	1.217653	2.574289	1.865476	1.741715	1.744174	2.252895	1.869683	1.8566	2.143428	1.394825	1.886749

Lampiran 3. Pengolahan Data Handgrip

1. Usia 18-22 Tahun Suhu 18⁰C

WAK TU	RATA-RATA DOMINAN	RATA-RATA NON DOMINAN	STDEV DOMINAN	STDEV NON DOMINAN
0	37.89	31.30	5.16	3.89
30	37.78	31.25	5.60	4.03
60	37.55	31.13	6.99	3.66
90	39.14	31.29	8.00	3.92
120	37.90	31.23	6.04	8.00
150	38.55	30.79	6.78	8.00

a. Menit 0

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	38.5	32
Nanda	35.2	26.3
Reza	39.5	33
Alief	42	32.7
Fadil	35.8	31.6
Laode	32.1	28.2
Ihwan	32.5	27.9
Lukman	47.5	38.7

t-Test: Two-Sample Assuming Equal Variances		
	DOMINAN (X1)	NON DOMINAN (X2)
Mean	37.8875	31.25
Variance	26.62696429	16.29428571
Observations	8	8
Pooled Variance	21.460625	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.865585341	
P(T<=t) one-tail	0.006230403	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.012460805	
t Critical two-tail	2.144786688	

b. Menit 30

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	40.8	33.2
Nanda	33.6	28.9
Reza	35.7	32.1
Alief	38	31.8
Fadil	34.7	29.8
Laode	33.6	26.1
Ihwan	35.5	28.6
Lukman	50.3	39.5

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	37.775	31.25
Variance	31.41071429	16.29428571
Observations	8	8
Pooled Variance	23.8525	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.672043718	
P(T<=t) one-tail	0.009113469	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.018226937	
t Critical two-tail	2.144786688	

c. Waktu 60 meit

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	41	34.3
Nanda	31.5	27.4
Reza	39.5	32.9
Alief	37.1	30
Fadil	34.1	29.2
Laode	32.2	28.2
Ihwan	32.5	28.9
Lukman	52.5	38.1

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	37.55	31.125
Variance	48.86285714	13.46214286

Observations	8	8
Pooled Variance	31.1625	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.301902804	
P(T<=t) one-tail	0.018607873	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.037215746	
t Critical two-tail	2.144786688	

d. Menit 90

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	37	31.8
Nanda	32	27.8
Reza	38.7	33.9
Alief	40.7	32
Fadil	36.7	29.5
Laode	36.4	27.3
Ihwan	33.8	28.8
Lukman	57.8	39.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.1375	31.2875
Variance	64.05125	15.37839286
Observations	8	8
Pooled Variance	39.71482143	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.491284611	
P(T<=t) one-tail	0.012949469	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.025898938	
t Critical two-tail	2.144786688	

e. Menit 120

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	39.3	32

Nanda	30.7	26.9
Reza	40	35.1
Alief	41.3	32.1
Fadil	36	30.4
Laode	32.6	27.5
Ihwan	33.7	28
Lukman	49.6	37.8

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	36.22857143	31.225
Variance	16.59238095	14.75357143
Observations	7	8
Pooled Variance	15.60225275	
Hypothesized Mean Difference	0	
df	13	
t Stat	2.447568377	
P(T<=t) one-tail	0.014673379	
t Critical one-tail	1.770933396	
P(T<=t) two-tail	0.029346758	
t Critical two-tail	2.160368656	

f. Menit 150

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	38	29
Nanda	33.8	28
Reza	38.2	32
Alief	44.3	34.6
Fadil	34.9	28.3
Laode	33.8	29.4
Ihwan	32.8	25.9
Lukman	52.6	39.1

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.55	30.7875
Variance	46.05714286	18.29553571
Observations	8	8

Pooled Variance	32.17633929	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.736927495	
P(T<=t) one-tail	0.00802581	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.01605162	
t Critical two-tail	2.144786688	

2. Usia 18-22 Tahun Suhu 24⁰C

WAK TU	RAT-RATA DOMINAN	RATA-RATA NON DOMINAN	STDEV DOMINAN	STDEV NON DOMINAN
0	40.70	31.55	7.36	3.47
30	39.74	31.55	7.66	3.59
60	38.63	30.69	6.73	3.33
90	38.63	30.53	9.86	4.04
120	39.00	31.30	8.38	4.84
150	38.90	31.40	6.92	4.10

a. Menit 0

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	41	31.4
Nanda	34.5	29
Reza	38.6	33.9
Alief	50.4	32.5
Fadil	37.6	30.8
Laode	36	29
Ihwan	34.1	27.4
Lukman	53.6	38.4

t-Test: Two-Sample Assuming Equal Variances		
	DOMINAN (X1)	NON DOMINAN (X2)
Mean	40.725	31.55
Variance	54.09928571	12.02285714
Observations	8	8

Pooled Variance	33.06107143	
Hypothesized Mean Difference	0	
df	14	
t Stat	3.191373295	
P(T<=t) one-tail	0.003265821	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.006531642	
t Critical two-tail	2.144786688	

b. Menit 30

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	37.6	31.9
Nanda	35	30.1
Reza	41.7	34.3
Alief	40.1	32.8
Fadil	34.5	27.6
Laode	35.2	27
Ihwan	36.2	30.7
Lukman	57.6	38

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.7375	31.55
Variance	58.65696429	12.85428571
Observations	8	8
Pooled Variance	35.755625	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.738477152	
P(T<=t) one-tail	0.008001442	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.016002883	
t Critical two-tail	2.144786688	

c. Menit 60

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	43.1	30.1
Nanda	32.7	28.6

Reza	38.5	32
Alief	39.1	32.1
Fadil	35.2	29.2
Laode	32.6	26.8
Ihwan	35	29
Lukman	52.8	37.7

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.625	30.6875
Variance	45.35357143	11.10982143
Observations	8	8
Pooled Variance	28.23169643	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.987756819	
P(T<=t) one-tail	0.004893048	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.009786096	
t Critical two-tail	2.144786688	

d. Menit 90

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	39.6	33.2
Nanda	34.7	27.9
Reza	37.8	31.6
Alief	38.2	29.7
Fadil	33.9	26.9
Laode	32.8	28.3
Ihwan	32.5	27.6
Lukman	62.5	39

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39	30.525
Variance	97.12571429	16.33642857
Observations	8	8

Pooled Variance	56.73107143	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.25039736	
P(T<=t) one-tail	0.020511576	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.041023151	
t Critical two-tail	2.144786688	

e. Menit 120

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	38.2	31.4
Nanda	34.6	27
Reza	37.7	34.2
Alief	37	31.4
Fadil	33	27.9
Laode	35.2	27.2
Ihwan	36.3	29.7
Lukman	59.2	41.6

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.9	31.3
Variance	70.19714286	23.42
Observations	8	8
Pooled Variance	46.80857143	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.221676875	
P(T<=t) one-tail	0.021651106	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.043302213	
t Critical two-tail	2.144786688	

f. Menit 150

NO	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	38	30

Nanda	33	28.6
Reza	39.4	33.2
Alief	40.5	30.2
Fadil	35.8	31
Laode	33.4	27.4
Ihwan	34	28.2
Lukman	54.2	40.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.5375	31.1
Variance	47.90553571	16.8
Observations	8	8
Pooled Variance	32.35276786	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.615177997	
P(T<=t) one-tail	0.01018321	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.02036642	
t Critical two-tail	2.144786688	

3. Usia 18-22 Tahun NON AC

WAK TU	RATA-RATA DOMINAN	RATA-RATA NON DOMINAN	STDEV DOMINAN	STDEV NON DOMINAN
0	38.19	31.40	6.47	4.93
30	41.36	31.61	11.66	6.13
60	38.13	31.30	7.48	4.03
90	37.49	30.96	6.83	5.47
120	37.66	30.41	9.05	4.41
150	38.33	30.93	7.78	5.61

a. Waktu 0

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	38	33.1
Nanda	33.4	27.8
Reza	40.2	33
Alief	37.9	32.1

Fadil	33.8	28.4
Laode	32	25
Ihwan	37.6	30.4
Lukman	52.6	41.4

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.1875	31.4
Variance	41.81267857	24.26571429
Observations	8	8
Pooled Variance	33.03919643	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.361702016	
P(T<=t) one-tail	0.01660693	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.03321386	
t Critical two-tail	2.144786688	

b. Menit 30

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	42.5	32.7
Nanda	35	29
Reza	42.6	30.6
Alief	39.7	33.1
Fadil	36.7	30.1
Laode	31.3	24.6
Ihwan	34.6	27.6
Lukman	68.5	45.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	41.3625	31.6125
Variance	135.89125	37.63267857
Observations	8	8
Pooled Variance	86.76196429	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.093485337	

P(T<=t) one-tail	0.027495827	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.054991655	
t Critical two-tail	2.144786688	

c. Menit 60

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	39.2	30
Nanda	32.5	27.9
Reza	39.2	34
Alief	38.1	34.1
Fadil	34.9	27.6
Laode	32	28.3
Ihwan	33.9	29.5
Lukman	55.2	39

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.125	31.3
Variance	55.89642857	16.22857143
Observations	8	8
Pooled Variance	36.0625	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.273027741	
P(T<=t) one-tail	0.019653603	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.039307206	
t Critical two-tail	2.144786688	

d. Menit 90

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	35.6	29.8
Nanda	32.2	26.8
Reza	36.7	30.2
Alief	42.1	33
Fadil	34.2	28.1
Laode	32.4	29

Ihwan	34.2	27.2
Lukman	52.5	43.6

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	37.4875	30.9625
Variance	46.61267857	29.90267857
Observations	8	8
Pooled Variance	38.25767857	
Hypothesized Mean Difference	0	
Df	14	
t Stat	2.109848176	
P(T<=t) one-tail	0.026675759	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.053351518	
t Critical two-tail	2.144786688	

e. Menit 120

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	31.6	27.9
Nanda	34.6	30.2
Reza	36.9	31
Alief	40.8	30.2
Fadil	33.4	29
Laode	32.2	27.3
Ihwan	33	27
Lukman	58.8	40.7

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	37.6625	30.4125
Variance	81.87125	19.41553571
Observations	8	8
Pooled Variance	50.64339286	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.037542168	
P(T<=t) one-tail	0.030478592	
t Critical one-tail	1.761310136	

P(T<=t) two-tail	0.060957185	
t Critical two-tail	2.144786688	

f. Menit 150

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Sesario	36.4	29.1
Nanda	36.6	29
Reza	37.8	32.1
Alief	37.6	30
Fadil	36	29.4
Laode	31.7	25.3
Ihwan	33.6	28.5
Lukman	56.9	44

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.325	30.925
Variance	60.59071429	31.43928571
Observations	8	8
Pooled Variance	46.015	
Hypothesized Mean Difference	0	
df	14	
t Stat	2.181785254	
P(T<=t) one-tail	0.023332451	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.046664902	
t Critical two-tail	2.144786688	

4. Usia 35-45 Tahun Suhu 18⁰C

WAK TU	RATA-RATA DOMINAN	RATA-RATA NON DOMINAN	STDEV DOMINAN	STDEV NON DOMINAN
0	41.95	34.63	3.97	2.63
30	41.00	34.11	3.97	1.73
60	40.11	34.26	2.63	2.28
90	40.78	34.19	1.79	2.49
120	39.48	34.15	1.28	2.31
150	38.76	33.16	2.09	1.42

a. Menit 0

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	39.4	32.4
Pak John	38.4	31.5
Pak Nur Syam	39.5	33
Pak Khairuddin	43.6	36.7
Pak Ramli	48.4	37.4
Pak Zul	44.2	34.2
Pak Tahir	36.9	33.1
Pak Heri	45.2	38.7

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	41.95	34.625
Variance	15.79428571	6.925
Observations	8	8
Pooled Variance	11.35964286	
Hypothesized Mean Difference	0	
Df	14	
t Stat	4.34665615	
P(T<=t) one-tail	0.000335152	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.000670304	
t Critical two-tail	2.144786688	

b. Menit 30

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	42	34.5
Pak John	40.4	34.9
Pak Nur Syam	35.7	32.1
Pak Khairuddin	41.3	33.6
Pak Ramli	43.2	35.6
Pak Zul	42.5	33.2
Pak Tahir	39.4	32
Pak Heri	43.5	37

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	41	34.1125
Variance	6.491428571	2.989821429
Observations	8	8
Pooled Variance	4.740625	
Hypothesized Mean Difference	0	
df	14	
t Stat	6.326649956	
P(T<=t) one-tail	9.34969E-06	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	1.86994E-05	
t Critical two-tail	2.144786688	

c. Menit 60

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	37.8	30.8
Pak John	37.8	32.9
Pak Nur Syam	39.5	32.9
Pak Khairuddin	39.6	33.7
Pak Ramli	42.6	35.8
Pak Zul	43.5	36
Pak Tahir	38.3	33.9
Pak Heri	44.2	38.1

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	40.4125	34.2625
Variance	6.895535714	5.179821429
Observations	8	8
Pooled Variance	6.037678571	
Hypothesized Mean Difference	0	
df	14	
t Stat	5.005761077	
P(T<=t) one-tail	9.62243E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	0.000192449	
t Critical two-tail	2.144786688	

d. Menit 90

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	39.6	33
Pak John	38.5	30.6
Pak Nur Syam	38.7	33.9
Pak Khairuddin	40.7	34.2
Pak Ramli	42.2	34.7
Pak Zul	42.8	35.3
Pak Tahir	40.6	32.6
Pak Heri	43.1	39.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	40.775	34.1875
Variance	3.205	6.215535714
Observations	8	8
Pooled Variance	4.710267857	
Hypothesized Mean Difference	0	
Df	14	
t Stat	6.070546939	
P(T<=t) one-tail	1.442E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	2.88399E-05	
t Critical two-tail	2.144786688	

e. Menit 120

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	37.7	34.4
Pak John	37.8	30.7
Pak Nur Syam	40	35.1
Pak Khairuddin	41.6	35.8
Pak Ramli	40.3	34.9
Pak Zul	39.4	34.2
Pak Tahir	39.5	29.5
Pak Heri	39.5	35.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.475	33.725
Variance	1.633571429	5.347857143
Observations	8	8
Pooled Variance	3.490714286	
Hypothesized Mean Difference	0	
df	14	
t Stat	6.15517902	
P(T<=t) one-tail	1.24838E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	2.49675E-05	
t Critical two-tail	2.144786688	

f. Menit 150

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	37.2	32.8
Pak John	36.8	34.2
Pak Nur Syam	38.2	32
Pak Khairuddin	38.3	34
Pak Ramli	38.6	33.5
Pak Zul	43.2	33.5
Pak Tahir	37.5	30.4
Pak Heri	40.3	34.9

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.7625	33.1625
Variance	4.356964286	2.019821429
Observations	8	8
Pooled Variance	3.188392857	
Hypothesized Mean Difference	0	
df	14	
t Stat	6.272376354	
P(T<=t) one-tail	1.0241E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	2.04821E-05	
t Critical two-tail	2.144786688	

5. Usia 35-45 Tahun Suhu 24⁰C

WA KTU	RATA-RATA DOMINAN	RATA-RATA NON DOMINAN	STDEV DOMINAN	STDEV NON DOMINAN
0	41.61	33.98	2.80	1.70
30	41.64	34.53	2.35	1.38
60	40.66	34.49	2.18	2.35
90	39.64	33.93	2.32	1.74
120	40.13	33.28	3.76	2.19
150	39.21	33.31	1.81	1.43

a. Menit 0

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	43.2	35
Pak John	37.9	33.6
Pak Nur Syam	38.6	33.9
Pak Khairuddin	44.2	32.5
Pak Ramli	45	36.9
Pak Zul	43.2	33.2
Pak Tahir	38.7	31.5
Pak Heri	42.1	35.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	41.6125	33.975
Variance	7.826964286	2.879285714
Observations	8	8
Pooled Variance	5.353125	
Hypothesized Mean Difference	0	
df	14	
t Stat	6.602030504	
P(T<=t) one-tail	5.92722E-06	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	1.18544E-05	
t Critical two-tail	2.144786688	

b. Menit 30

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
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Pak Akbar	41.3	34.6
Pak John	39.6	35
Pak Nur Syam	41.7	34.3
Pak Khairuddin	41.9	35.9
Pak Ramli	45.5	34.7
Pak Zul	44.5	34.6
Pak Tahir	39.6	31.4
Pak Heri	39	35.7

t-Test: Two-Sample Assuming Equal Variances		
	DOMINAN (X1)	NON DOMINAN (X2)
Mean	41.6375	34.525
Variance	5.508392857	1.907857143
Observations	8	8
Pooled Variance	3.708125	
Hypothesized Mean Difference	0	
Df	14	
t Stat	7.38711895	
P(T<=t) one-tail	1.70974E-06	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	3.41948E-06	
t Critical two-tail	2.144786688	

c. Menit 60

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	37.7	31.5
Pak John	39.7	33
Pak Nur Syam	38.5	32
Pak Khairuddin	42.5	36.4
Pak Ramli	42.1	36.7
Pak Zul	43.5	35.4
Pak Tahir	39	33.2
Pak Heri	42.3	37.7

t-Test: Two-Sample Assuming Equal Variances		
	DOMINAN (X1)	NON DOMINAN (X2)
Mean	40.6625	34.4875
Variance	4.759821429	5.526964286

Observations	8	8
Pooled Variance	5.143392857	
Hypothesized Mean Difference	0	
Df	14	
t Stat	5.4455545	
P(T<=t) one-tail	4.31235561E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	8.62471E-05	
t Critical two-tail	2.144786688	

d. Menit 90

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	39.1	33.5
Pak John	36.9	34
Pak Nur Syam	37.8	31.6
Pak Khairuddin	38.6	32.1
Pak Ramli	40.3	34.8
Pak Zul	40.2	33.9
Pak Tahir	39.6	34.2
Pak Heri	44.6	37.3

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.6375	33.925
Variance	5.374107143	3.022142857
Observations	8	8
Pooled Variance	4.198125	
Hypothesized Mean Difference	0	
Df	14	
t Stat	5.576073965	
P(T<=t) one-tail	3.41534E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	6.83067E-05	
t Critical two-tail	2.144786688	

e. Menit 120

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	39.1	33.5

Pak John	36.9	34
Pak Nur Syam	37.8	31.6
Pak Khairuddin	38.6	32.1
Pak Ramli	40.3	34.8
Pak Zul	40.2	33.9
Pak Tahir	39.6	34.2
Pak Heri	44.6	37.3

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.6375	33.925
Variance	5.374107143	3.022142857
Observations	8	8
Pooled Variance	4.198125	
Hypothesized Mean Difference	0	
df	14	
t Stat	5.576073965	
P(T<=t) one-tail	3.41534E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	6.83067E-05	
t Critical two-tail	2.144786688	

f. Menit 150

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	37.2	31.6
Pak John	36.8	32.3
Pak Nur Syam	39.4	33.2
Pak Khairuddin	40.5	35.7
Pak Ramli	42.3	34.1
Pak Zul	38.1	32.1
Pak Tahir	39.4	32.7
Pak Heri	40	34.8

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.2125	33.3125
Variance	3.284107143	2.049821429
Observations	8	8
Pooled Variance	2.666964286	

Hypothesized Mean Difference	0	
Df	14	
t Stat	7.225591539	
P(T<=t) one-tail	2.19342E-06	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	4.38684E-06	
t Critical two-tail	2.144786688	

6. Usia 35-45 Tahun NON AC

WAK TU	RATA-RATA DOMINAN	RATA-RATA NON DOMINAN	STDEV DOMINAN	STDEV NON DOMINAN
0	39.21	33.31	1.59	1.22
30	40.17	33.60	2.57	1.87
60	39.03	34.13	1.74	1.74
90	38.21	32.67	2.25	1.87
120	37.21	32.55	1.86	2.14
150	38.46	32.74	1.39	1.89

a. Menit 0

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	39.1	33.5
Pak John	40	34.6
Pak Nur Syam	40.2	33
Pak Khairuddin	38.2	33.7
Pak Ramli	41.8	36.2
Pak Zul	39.4	32.1
Pak Tahir	39.7	33.9
Pak Heri	43.2	34.5

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	40.2	33.9375
Variance	2.528571429	1.482678571
Observations	8	8
Pooled Variance	2.005625	
Hypothesized Mean Difference	0	
df	14	
t Stat	8.844084173	

P(T<=t) one-tail	2.09073E-07	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	4.18147E-07	
t Critical two-tail	2.144786688	

b. Menit 30

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	38.1	33.7
Pak John	38.1	31.6
Pak Nur Syam	42.6	30.6
Pak Khairuddin	42.6	34
Pak Ramli	40.1	35.7
Pak Zul	39.7	33.5
Pak Tahir	35.6	33.5
Pak Heri	42.5	36.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.9125	33.6
Variance	6.626964286	3.48
Observations	8	8
Pooled Variance	5.053482143	
Hypothesized Mean Difference	0	
df	14	
t Stat	5.616115348	
P(T<=t) one-tail	3.18101E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	6.36201E-05	
t Critical two-tail	2.144786688	

c. Menit 60

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	35.8	32.1
Pak John	38.5	31
Pak Nur Syam	39.2	34
Pak Khairuddin	38.7	35.1
Pak Ramli	39.6	35.6
Pak Zul	42.1	35

Pak Tahir	39.7	34.2
Pak Heri	38.6	36

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	39.025	34.125
Variance	3.033571429	3.042142857
Observations	8	8
Pooled Variance	3.037857143	
Hypothesized Mean Difference	0	
df	14	
t Stat	5.622667502	
P(T<=t) one-tail	3.14429E-05	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	6.28858E-05	
t Critical two-tail	2.144786688	

d. Menit 90

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	35.5	29.7
Pak John	37.6	30.2
Pak Nur Syam	36.7	30.2
Pak Khairuddin	36.7	32.5
Pak Ramli	38.9	33.8
Pak Zul	42.8	34.6
Pak Tahir	38	32.8
Pak Heri	39.5	34.6

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.2125	32.3
Variance	5.075535714	4.1
Observations	8	8
Pooled Variance	4.587767857	
Hypothesized Mean Difference	0	
df	14	
t Stat	5.520779888	
P(T<=t) one-tail	3.76893E-05	
t Critical one-tail	1.761310136	

P(T<=t) two-tail	7.53785E-05	
t Critical two-tail	2.144786688	

e. Menit 120

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	34.2	31.2
Pak John	35.7	30.1
Pak Nur Syam	36.9	31
Pak Khairuddin	35.7	33
Pak Ramli	39.2	35.2
Pak Zul	38.5	32.3
Pak Tahir	38.6	31.4
Pak Heri	38.9	36.2

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	37.2125	32.02857143
Variance	3.446964286	2.822380952
Observations	8	7
Pooled Variance	3.158695055	
Hypothesized Mean Difference	0	
Df	13	
t Stat	5.635773655	
P(T<=t) one-tail	4.06069E-05	
t Critical one-tail	1.770933396	
P(T<=t) two-tail	8.12138E-05	
t Critical two-tail	2.160368656	

f. Menit 150

NAMA	DOMINAN (X1)	NON DOMINAN (X2)
Pak Akbar	37.6	32
Pak John	36.8	30.4
Pak Nur Syam	37.8	32.1
Pak Khairuddin	38	32.6
Pak Ramli	38.3	34
Pak Zul	40.8	34.8
Pak Tahir	38	30.5
Pak Heri	40.4	35.5

t-Test: Two-Sample Assuming Equal Variances		
	<i>DOMINAN (X1)</i>	<i>NON DOMINAN (X2)</i>
Mean	38.4625	32.7375
Variance	1.945535714	3.559821429
Observations	8	8
Pooled Variance	2.752678571	
Hypothesized Mean Difference	0	
Df	14	
t Stat	6.901249611	
P(T<=t) one-tail	3.65478E-06	
t Critical one-tail	1.761310136	
P(T<=t) two-tail	7.30956E-06	
t Critical two-tail	2.144786688	

7. Dominan Usia 18-22 Tahun dan 35-45 Tahun Suhu 18⁰C

WAK TU	USIA 18-22 TAHUN	USIA 35-45 TAHUN	STDEV USIA 18-22 TAHUN	STDEV USIA 34-45 TAHUN
0	37.8875	41.95	5.16	3.97
30	37.775	41	5.60	3.97
60	37.55	40.1125	6.99	2.63
90	39.1375	40.775	8.00	1.79
120	37.9	39.475	6.04	1.28
150	38.55	38.7625	6.78	2.09

a. Menit 0

NO	MAHASISWA	DEWASA
1	38.5	39.4
2	35.2	38.4
3	39.5	39.5
4	42	43.6
5	35.8	48.4
6	32.1	44.2
7	32.5	36.9
8	47.5	45.2
rata rata	37.89	41.95
Varians	26.63	15.79

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	37.8875	41.95
Variance	26.62696429	15.79428571
Observations	8	8
Hypothesized Mean Difference	0	
df	13	
t Stat	-1.764195203	
P(T<=t) one-tail	0.050583918	
t Critical one-tail	1.770933396	
P(T<=t) two-tail	0.101167836	
t Critical two-tail	2.160368656	

b. Menit 30

NO	MAHASISWA	DEWASA
1	40.8	42
2	33.6	40.4
3	35.7	35.7
4	38	41.3
5	34.7	43.2
6	33.6	42.5
7	35.5	39.4
8	50.3	43.5
rata rata	37.78	41.00
Varians	31.41	6.49

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	37.775	41
Variance	31.41071429	6.491428571
Observations	8	8
Hypothesized Mean Difference	0	
df	10	
t Stat	-1.481640465	
P(T<=t) one-tail	0.084622585	
t Critical one-tail	1.812461123	
P(T<=t) two-tail	0.16924517	
t Critical two-tail	2.228138852	

c. Menit 60

NO	MAHASISWA	DEWASA
1	41	37.8
2	31.5	37.8
3	39.5	39.5
4	37.1	39.6
5	34.1	42.6
6	32.2	43.5
7	32.5	38.3
8	52.5	44.2
rata rata	37.55	40.41
Varians	48.86	6.90

t-Test: Two-Sample Assuming Unequal Variances		
	MAHASISWA	DEWASA
Mean	37.55	40.4125
Variance	48.86285714	6.895535714
Observations	8	8
Hypothesized Mean Difference	0	
df	9	
t Stat	-1.084264816	
P(T<=t) one-tail	0.153218554	
t Critical one-tail	1.833112933	
P(T<=t) two-tail	0.306437109	
t Critical two-tail	2.262157163	

d. Menit 90

NO	MAHASISWA	DEWASA
1	37	39.6
2	32	38.5
3	38.7	38.7
4	40.7	40.7
5	36.7	42.2
6	36.4	42.8
7	33.8	40.6
8	57.8	43.1
rata rata	39.14	40.78
Varians	64.05125	3.205

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	39.1375	40.775
Variance	64.05125	3.205
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	-0.564754861	
P(T<=t) one-tail	0.293861124	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.587722248	
t Critical two-tail	2.306004135	

e. Menit 120

NO	MAHASISWA	DEWASA
1	39.3	37.7
2	30.7	37.8
3	40	40
4	41.3	41.6
5	36	40.3
6	32.6	39.4
7	33.7	39.5
8	49.6	39.5
rata rata	37.90	39.48
Varians	36.57142857	1.6335714

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	37.9	39.475
Variance	36.57142857	1.633571429
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	-0.720718134	
P(T<=t) one-tail	0.245801641	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.491603282	

t Critical two-tail	2.306004135
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f. Menit 150

NO	MAHASISWA	DEWASA
1	38	37.2
2	33.8	36.8
3	38.2	38.2
4	44.3	38.3
5	34.9	38.6
6	33.8	43.2
7	32.8	37.5
8	52.6	40.3
rata rata	38.55	38.76
Varians	46.05714286	4.356964286

t-Test: Two-Sample Assuming Unequal Variances		
	MAHASISWA	DEWASA
Mean	38.55	38.7625
Variance	46.05714286	4.356964286
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	-0.08465018	
P(T<=t) one-tail	0.467309773	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.934619547	
t Critical two-tail	2.306004135	

Dominan Usia 18-22 Tahun dan 35-45 Tahun Suhu 24⁰C

WAK TU	USIA 18-22 TAHUN	USIA 35-45 TAHUN	STDEV USIA 18-22 TAHUN	STDEV USIA 34-45 TAHUN
0.00	40.70	41.61	7.36	2.80
30.00	39.74	41.64	7.66	2.35
60.00	38.63	40.66	6.73	2.18
90.00	38.63	39.64	9.86	2.32
120.00	39.00	40.13	8.38	3.76
150.00	38.90	39.21	6.92	1.81

a. Menit 0

NO	MAHASISWA	DEWASA
1	41	43.2
2	34.5	37.9
3	38.6	38.6
4	50.4	44.2
5	37.6	45
6	36	43.2
7	34.1	38.7
8	53.6	42.1
rata rata	40.73	41.61
Varians	54.10	7.83

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	40.725	41.6125
Variance	54.09928571	7.826964286
Observations	8	8
Hypothesized Mean Difference	0	
df	9	
t Stat	-0.318989189	
P(T<=t) one-tail	0.378506882	
t Critical one-tail	1.833112933	
P(T<=t) two-tail	0.757013764	
t Critical two-tail	2.262157163	

b. Menit 30

NO	MAHASISWA	DEWASA
1	37.6	41.3
2	35	39.6
3	41.7	41.7
4	40.1	41.9
5	34.5	45.5
6	35.2	44.5
7	36.2	39.6
8	57.6	39
rata rata	39.74	41.64
Varians	58.66	5.51

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	39.7375	41.6375
Variance	58.65696429	5.508392857
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	-0.670885316	
P(T<=t) one-tail	0.260594104	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.521188208	
t Critical two-tail	2.306004135	

c. Menit 60

NO	MAHASISWA	DEWASA
1	43.1	37.7
2	32.7	39.7
3	38.5	38.5
4	39.1	42.5
5	35.2	42.1
6	32.6	43.5
7	35	39
8	52.8	42.3
rata rata	38.63	40.66
Varians	45.35	4.76

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	38.625	40.6625
Variance	45.35357143	4.759821429
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	-0.814077417	
P(T<=t) one-tail	0.219579023	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.439158045	
t Critical two-tail	2.306004135	

d. Menit 90

NO	MAHASISWA	DEWASA
1	39.6	39.1
2	34.7	36.9
3	37.8	37.8
4	38.2	38.6
5	33.9	40.3
6	32.8	40.2
7	32.5	39.6
8	62.5	44.6
rata rata	39.00	39.64
Varians	97.13	5.37

t-Test: Two-Sample Assuming Unequal Variances		
	MAHASISWA	DEWASA
Mean	39	39.6375
Variance	97.12571429	5.374107143
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	-0.178099881	
P(T<=t) one-tail	0.431535892	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.863071784	
t Critical two-tail	2.306004135	

e. Menit 120

NO	MAHASISWA	DEWASA
1	38.2	37.8
2	34.6	35.7
3	37.7	37.7
4	37	40.2
5	33	45.7
6	35.2	37.9
7	36.3	40.2
8	59.2	45.8
rata rata	38.90	40.13
Varians	70.20	14.16

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	38.9	40.125
Variance	70.19714286	14.15928571
Observations	8	8
Hypothesized Mean Difference	0	
df	10	
t Stat	-0.377243695	
P(T<=t) one-tail	0.35693749	
t Critical one-tail	1.812461123	
P(T<=t) two-tail	0.71387498	
t Critical two-tail	2.228138852	

f. Menit 150

NO	MAHASISWA	DEWASA
1	38	37.2
2	33	36.8
3	39.4	39.4
4	40.5	40.5
5	35.8	42.3
6	33.4	38.1
7	34	39.4
8	54.2	40
rata rata	38.54	39.21
Varians	47.91	3.28

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	38.5375	39.2125
Variance	47.90553571	3.284107143
Observations	8	8
Hypothesized Mean Difference	0	
Df	8	
t Stat	-0.266844169	
P(T<=t) one-tail	0.398169341	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.796338682	
t Critical two-tail	2.306004135	

8. Dominan Usia 18-22 Tahun dan 35-45 Tahun NON AC

WAKTU	USIA 18-22 TAHUN	USIA 35-45 TAHUN	STDEV USIA 18-22 TAHUN	STDEV USIA 34-45 TAHUN
0.00	38.19	40.31	6.47	1.59
30.00	41.36	40.17	11.66	2.57
60.00	38.13	39.03	7.48	1.74
90.00	37.49	38.03	6.83	2.25
120.00	37.66	37.21	9.05	1.86
150.00	38.33	38.46	7.78	1.39

a. Menit 0

NO	MAHASISWA	DEWASA
1	38	39.1
2	33.4	40
3	40.2	40.2
4	37.9	38.2
5	33.8	41.8
6	32	39.4
7	37.6	39.7
8	52.6	43.2
rata rata	38.19	40.20
Varians	41.81	2.53

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	38.1875	40.2
Variance	41.81267857	2.528571429
Observations	8	8
Hypothesized Mean Difference	0	
Df	8	
t Stat	-0.854824413	
P(T<=t) one-tail	0.208755647	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.417511295	
t Critical two-tail	2.306004135	

b. Menit 30

NO	MAHASISWA	DEWASA
1	42.5	38.1
2	35	38.1
3	42.6	42.6
4	39.7	42.6
5	36.7	40.1
6	31.3	39.7
7	34.6	35.6
8	68.5	42.5
rata rata	41.36	39.91
Varians	135.89	6.63

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	41.3625	39.9125
Variance	135.89125	6.626964286
Observations	8	8
Hypothesized Mean Difference	0	
Df	8	
t Stat	0.343540394	
P(T<=t) one-tail	0.37002304	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.740046079	
t Critical two-tail	2.306004135	

c. Menit 60

NO	MAHASISWA	DEWASA
1	39.2	35.8
2	32.5	38.5
3	39.2	39.2
4	38.1	38.7
5	34.9	39.6
6	32	42.1
7	33.9	39.7
8	55.2	38.6
rata rata	38.13	39.03

Varians	55.90	3.03
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t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	38.125	39.025
Variance	55.89642857	3.033571429
Observations	8	8
Hypothesized Mean Difference	0	
Df	8	
t Stat	-0.331603635	
P(T<=t) one-tail	0.374354311	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.748708622	
t Critical two-tail	2.306004135	

d. Menit 90

NO	MAHASISWA	DEWASA
1	35.6	35.5
2	32.2	37.6
3	36.7	36.7
4	42.1	36.7
5	34.2	38.9
6	32.4	42.8
7	34.2	38
8	52.5	39.5
rata rata	37.49	38.21
Varians	46.61	5.08

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	37.4875	38.2125
Variance	46.61267857	5.075535714
Observations	8	8
Hypothesized Mean Difference	0	
Df	9	
t Stat	-0.285224768	
P(T<=t) one-tail	0.390963502	
t Critical one-tail	1.833112933	

P(T<=t) two-tail	0.781927005	
t Critical two-tail	2.262157163	

e. Menit 120

NO	MAHASISWA	DEWASA
1	31.6	34.2
2	34.6	35.7
3	36.9	36.9
4	40.8	35.7
5	33.4	39.2
6	32.2	38.5
7	33	38.6
8	58.8	38.9
rata rata	37.66	37.21
Varians	81.87	3.45

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	37.6625	37.2125
Variance	81.87125	3.446964286
Observations	8	8
Hypothesized Mean Difference	0	
df	8	
t Stat	0.137796006	
P(T<=t) one-tail	0.446903387	
t Critical one-tail	1.859548038	
P(T<=t) two-tail	0.893806773	
t Critical two-tail	2.306004135	

f. Menit 150

NO	MAHASISWA	DEWASA
1	36.4	37.6
2	36.6	36.8
3	37.8	37.8
4	37.6	38
5	36	38.3
6	31.7	40.8

7	33.6	38
8	56.9	40.4
rata rata	38.33	38.46
Varians	60.59	1.95

t-Test: Two-Sample Assuming Unequal Variances		
	<i>MAHASISWA</i>	<i>DEWASA</i>
Mean	38.325	38.4625
Variance	60.59071429	1.945535714
Observations	8	8
Hypothesized Mean Difference	0	
Df	7	
t Stat	-0.049179236	
P(T<=t) one-tail	0.481075133	
t Critical one-tail	1.894578605	
P(T<=t) two-tail	0.962150265	
t Critical two-tail	2.364624252	