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LAMPIRAN

LAMPIRAN 1**BIODATA****Identitas Diri**

Nama Lengkap : Sebrianti
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**Riwayat Pendidikan**

1. TK Nirwana : Tahun 2003 – 2005
2. SDN Bonto-bonto : Tahun 2005 – 2011
3. SMPN 2 Selayar : Tahun 2011 – 2014
4. SMAN 2 Selayar : Tahun 2014 – 2017
5. Universitas Hasanuddin : Tahun 2017 – sekarang

Demikian biodata ini dibuat dengan sebenar-benarnya.

Makassar, 27 Juli 2021

SEBRIANTI

LAMPIRAN 2

Hasil Output Perhitungan Data Periode Waktu 07.00 – 08.00 Dengan Model M/M/s

Hasil Kinerja Model Antrian M/M/s Solution					
Parameter	Value	Parameter	Value	Minutes	Seconds
M/M/s		Average server utilization	,43		
Arrival rate(λ)	36	Average number in the queue(L_q)	,19		
Service rate(μ)	42	Average number in the system(L_s)	1,05		
Number of servers	2	Average time in the queue(W_q)	0	,32	19,29
		Average time in the system(W_s)	,03	1,75	105

(untitled) Solution			
k	Prob (num in sys = k)	Prob (num in sys <= k)	Prob (num in sys >k)
0	,4	,4	,6
1	,34	,74	,26
2	,15	,89	,11
3	,06	,95	,05
4	,03	,98	,02
5	,01	1	0
6	0	1	0
7	0	1	0
8	0	1	0
9	0	1	0
10	0	1	0
11	0	1	0

LAMPIRAN 3

Hasil Output Perhitungan Data Periode Waktu 08.00 – 09.00 Dengan Model M/M/s

Hasil Kinerja Model M/M/s Solution					
Parameter	Value	Parameter	Value	Minutes	Seconds
MM/s		Average server utilization	.36		
Arrival rate(λ)	30	Average number in the queue(L_q)	.1		
Service rate(μ)	42	Average number in the system(L_s)	.82		
Number of servers	2	Average time in the queue(W_q)	0	.21	12.53
		Average time in the system(W_s)	.03	1.64	98.25

Hasil Kinerja Model M/M/s Solution			
k	Prob (num in sys = k)	Prob (num in sys \leq k)	Prob (num in sys $>$ k)
0	.47	.47	.53
1	.34	.81	.19
2	.12	.93	.07
3	.04	.98	.02
4	.02	1	0
5	0	1	0
6	0	1	0
7	0	1	0
8	0	1	0
9	0	1	0

LAMPIRAN 4

Hasil Output Perhitungan Data Periode Waktu 09.00 – 10.00 Dengan Model M/M/s

Hasil Kinerja Model M/M/s Solution					
Parameter	Value	Parameter	Value	Minutes	Seconds
M/M/s		Average server utilization	.31		
Arrival rate(λ)	26	Average number in the queue(L_q)	.07		
Service rate(μ)	42	Average number in the system(L_s)	.68		
Number of servers	2	Average time in the queue(W_q)	0	.15	9.08
		Average time in the system(W_s)	.03	1.58	94.8

Hasil Kinerja Model M/M/s Solution			
k	Prob (num in sys = k)	Prob (num in sys \leq k)	Prob (num in sys $>$ k)
0	.53	.53	.47
1	.33	.85	.15
2	.1	.95	.05
3	.03	.99	.01
4	0	1	0
5	0	1	0
6	0	1	0
7	0	1	0
8	0	1	0

LAMPIRAN 5

Hasil Output Perhitungan Data Periode Waktu 10.00 – 11.00 Dengan Model M/M/s

Hasil Kinerja Model M/M/s Solution					
Parameter	Value	Parameter	Value	Minutes	Seconds
M/M/s		Average server utilization	.26		
Arrival rate(λ)	22	Average number in the queue(L_q)	.04		
Service rate(μ)	42	Average number in the system(L_s)	.56		
Number of servers	2	Average time in the queue(W_q)	0	.11	6.31
		Average time in the system(W_s)	.03	1.53	92.03

Hasil Kinerja Model M/M/s Solution			
k	Prob (num in sys = k)	Prob (num in sys \leq k)	Prob (num in sys $>$ k)
0	.58	.58	.42
1	.31	.89	.11
2	.08	.97	.03
3	.02	1	0
4	0	1	0
5	0	1	0
6	0	1	0
7	0	1	0

LAMPIRAN 6

Hasil Output Perhitungan Data Periode Waktu 11.00 – 12.00 Dengan Model M/M/s

Hasil Kinerja Model M/M/s Solution					
Parameter	Value	Parameter	Value	Minutes	Seconds
M/M/s		Average server utilization	,23		
Arrival rate(λ)	19	Average number in the queue(L_q)	,02		
Service rate(μ)	42	Average number in the system(L_s)	,48		
Number of servers	2	Average time in the queue(W_q)	0	,08	4,82
		Average time in the system(W_s)	,03	1,51	90,34

Hasil Kinerja Model M/M/s Solution			
k	Prob (num in sys = k)	Prob (num in sys \leq k)	Prob (num in sys $>$ k)
0	,63	,63	,37
1	,29	,92	,08
2	,06	,98	,02
3	,01	1	0
4	0	1	0
5	0	1	0
6	0	1	0
7	0	1	0

LAMPIRAN 7

Hasil Output Perhitungan Data Periode Waktu 12.00 – 13.00 Dengan Model M/M/s

Hasil Kinerja Model M/M/s Solution					
Parameter	Value	Parameter	Value	Minutes	Seconds
M/M/s		Average server utilization	,19		
Arrival rate(λ)	16	Average number in the queue(L_q)	,01		
Service rate(μ)	42	Average number in the system(L_s)	,4		
Number of servers	2	Average time in the queue(W_q)	0	,06	3,23
		Average time in the system(W_s)	,02	1,48	88,94

Hasil Kinerja Model M/M/s Solution			
k	Prob (num in sys = k)	Prob (num in sys \leq k)	Prob (num in sys $>$ k)
0	,68	,68	,32
1	,28	,94	,06
2	,05	,99	,01
3	0	1	0
4	0	1	0
5	0	1	0
6	0	1	0