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Program: BS Industrial Engineering

Example 3: Random Arrival Times, Uniformly Distributed

Interarrival Time	Probability	Cumulative Probability
1	0.250	0.250
2	0.250	0.500
3	0.250	0.750
4	0.250	1.000

Trial #	Random Number #	Interarrival Time
1	0.524	3
2	0.824	4
3	0.170	1
4	0.793	4
5	0.759	4
6	0.879	4
7	0.452	2
8	0.500	3
9	0.793	4
10	0.284	2
11	0.106	1
12	0.308	2
13	0.297	2
14	0.448	2
15	0.583	3
16	0.454	2
17	0.008	1
18	0.384	2
19	0.835	4
20	0.621	3
21	0.408	2

Caller	Interarrival Time	Arrival Time
1	-	0
2	3	3
3	4	7
4	1	8
5	4	12
6	4	16
7	4	20
8	2	22
9	3	25
10	4	29
11	2	31
12	1	32
13	2	34
14	2	36
15	2	38
16	3	41
17	2	43
18	1	44
19	2	46
20	4	50
21	3	53
22	2	55