

**TABLE D.14:** Simulation of the Grocery Store Waiting Line System

CUSTOMER	RANDOM NUMBER	SIMULATED INTERARRIVAL TIME (IN MINUTES)	ARRIVAL TIME	RANDOM NUMBER	SIMULATED SERVISE TIMES (IN MINUTES)	TIME SERVICE BEGINS	WAITING TIME IN QUEUE	TIME SERVICE ENDS	TIME CUSTOMER IS IN THE SYSTEM	SERVER IDLE TIME
1		—	0	49	3	3	0	3	3	0
2	74	4	4	80	5	4	0	9	5	1
3	19	2	6	94	6	9	3	15	9	0
4	15	2	8	65	4	15	7	22	11	0
5	25	2	10	16	2	22	12	24	14	0
6	87	4	14	33	3	24	10	27	13	0
7	64	3	17	27	2	27	10	29	12	0
8	18	2	19	20	2	29	10	31	12	0
9	61	3	22	89	6	31	9	37	15	0
10	54	3	25	91	6	37	12	43	18	0
Total		25			39		73		112	1