

t = simulation time

t_{before} = prior event simulation time.

$Q(t)$ = # in queue at time t

$B(t)$ = 1 if the server is busy, and 0 if the server is idle

P = the number of customers/jobs processed after each event

N = the number of customers/jobs that have passed through the queue

$\sum WQ$ = the sum of the queue times observed for customers

WQ^* = Max queue time observed

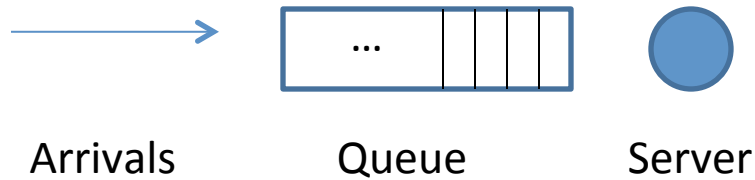
$\sum TS$ = the sum of the system times (queue + service) observed for customers

TS^* = Max system time observed

$\int Q$ = the area under the $Q(t)$ curve through time t

Q^* = Max value for the number in queue observed

$\int B$ = the area under the $B(t)$ curve through time t



For some fixed simulated time:

- How many customers are processed?
- What's the average customer queue time?
- What's the average customer system time?
- What is the average number in queue?
- What is the server utilization?
- What are max observed values for
 - Queue time?
 - Time in system?
 - Number in queue?



[illegible]

	Interarrival Times			Service Times
			Customer	
First Arrival	0.0		1	2.9
1	1.73		2	1.76
2	1.35		3	3.39
3	0.71		4	4.52
4	14.28		5	4.46
5	0.7		6	4.36

[illegible]

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