6. Prepare a **report** like below:

Take Interarrival times = exponential with mean 1/3

Take Service times = exponential with mean 1/4

Run the Simulation for 3 cases: num_delays until 10, 50 and 100 customers.

And fill up the following table for each case.

For, delay count = 10

Performance Measure	FIFO	LIFO	SJF
Average Delay	0.059999	0.059999	0.059999
Expected Number of Customers in the queue	0.061224	0.06122	0.006247
Expected Utilization of the server-1	0.5094	0.5094	0.05198
Expected Utilization of the server-2	0.4694	0.46939	0.047897

Submission Instructions:

1. There will be 2 submission links. In one link, you have to upload your code (.py file) and you have to upload your report(.pdf) on another link.

6. Prepare a **report** like below:

Take Interarrival times = exponential with mean 1/3

Take Service times = exponential with mean 1/4

Run the Simulation for 3 cases: num_delays until 10, 50 and 100 customers.

And fill up the following table for each case.

For, num_delays until 50

Performance Measure	FIFO	LIFO	SJF
Average Delay	0.0598	0.0551	0.0551
Expected Number of Customers in the queue	0.1196	0.1101	0.00440
Expected Utilization of the server-1	0.4649	0.4609	0.01843
Expected Utilization of the server-2	0.3281	0.3321	0.0133

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6. Prepare a **report** like below:

Take Interarrival times = exponential with mean 1/3

Take Service times = exponential with mean 1/4

Run the Simulation for 3 cases: num_delays until 10, 50 and 100 customers.

And fill up the following table for each case.

For num-delays until 100

Performance Measure	FIFO	LIFO	SJF
Average Delay	0·1017	6·1111	0·1111
Expected Number of Customers in the queue	6·2479	0·2708	6·0066
Expected Utilization of the server-1	0·5443	0·5381	0·01312
Expected Utilization of the server-2	0·3843	0·3906	0·0095

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