

*** Statistics after 1000 simulations(days) ***

lambda of arrives = $1/5$ and lambda of rush hour = $1/2$

Total clients attended with only two workers 201857

Total clients attended with 1 more workers 201286

Clients attended by 1 extra workers 34283

Mean clients waiting more than 5 minutes with only two workers = 181.854

Mean clients waiting more than 5 minutes with 1 extra workers = 158.096

Each day around 24 more clients wait more than 5 minutes when there aren't extra workers

% clients waiting more than 5 minutes with only two workers = 90.09050961819506%

% clients waiting more than 5 minutes with 1 extra workers = 78.54296871118707%

% of clients attended by 1 extra workers = 17.031984340689366%

There are 11.547540907007985% less of the clients waiting more than 5 mins when employing extra workers.

lambda of arrives = $1/9$ and lambda of rush hour = $1/2$

Total clients attended with only two workers 160455

Total clients attended with 1 more workers 160463

Clients attended by 1 extra workers 32397

Mean clients waiting more than 5 minutes with only two workers = 141.448

Mean clients waiting more than 5 minutes with 1 extra workers = 123.925

Each day around 18 more clients wait more than 5 minutes when there aren't extra workers

% clients waiting more than 5 minutes with only two workers = 88.15431117758874%

% clients waiting more than 5 minutes with 1 extra workers = 77.22964172426042%

% of clients attended by 1 extra workers = 20.1897010525791%

There are 10.92466945332832% less of the clients waiting more than 5 mins when employing extra workers.

lambda of arrives = $1/13$ and lambda of rush hour = $1/2$

Total clients attended with only two workers 143575

Total clients attended with 1 more workers 142725

Clients attended by 1 extra workers 31295

Mean clients waiting more than 5 minutes with only two workers = 128.071

Mean clients waiting more than 5 minutes with 1 extra workers = 111.721

Each day around 16 more clients wait more than 5 minutes when there aren't extra workers

% clients waiting more than 5 minutes with only two workers = 89.20146265018283%

% clients waiting more than 5 minutes with 1 extra workers = 78.2771063233491%

% of clients attended by 1 extra workers = 21.926782273603084%

There are 10.924356326833731% less of the clients waiting more than 5 mins when employing extra workers.

