



Start Simulation

Initialize:  
next\_arrival := 0  
remaining\_time\_in\_machine := 0  
is\_machine\_busy := True  
num\_departures := 0  
num\_arrivals := 0  
num\_rejected := 0  
queue\_length := 0  
ratios\_rejected := []

for all SIMULATIONS

OUTPUT.  
Rejection Ratio

Check Machine

Check New  
Arrivals

Decrease Time  
Variables

End Simulation