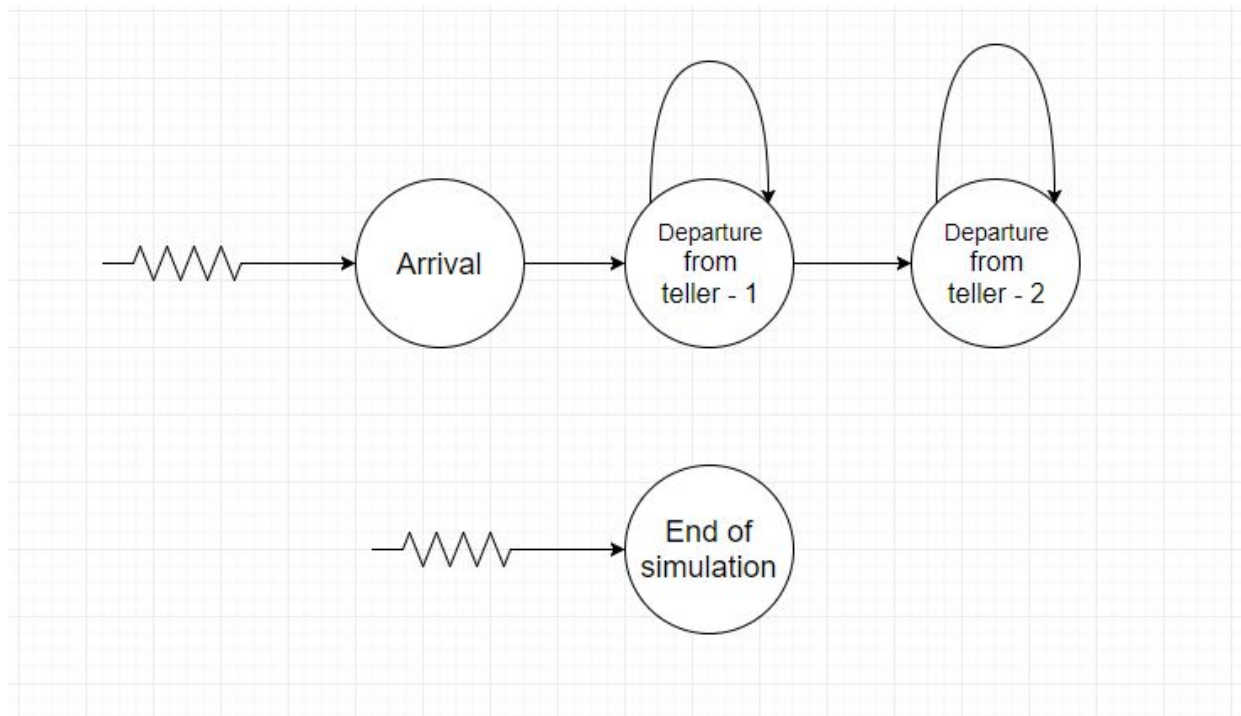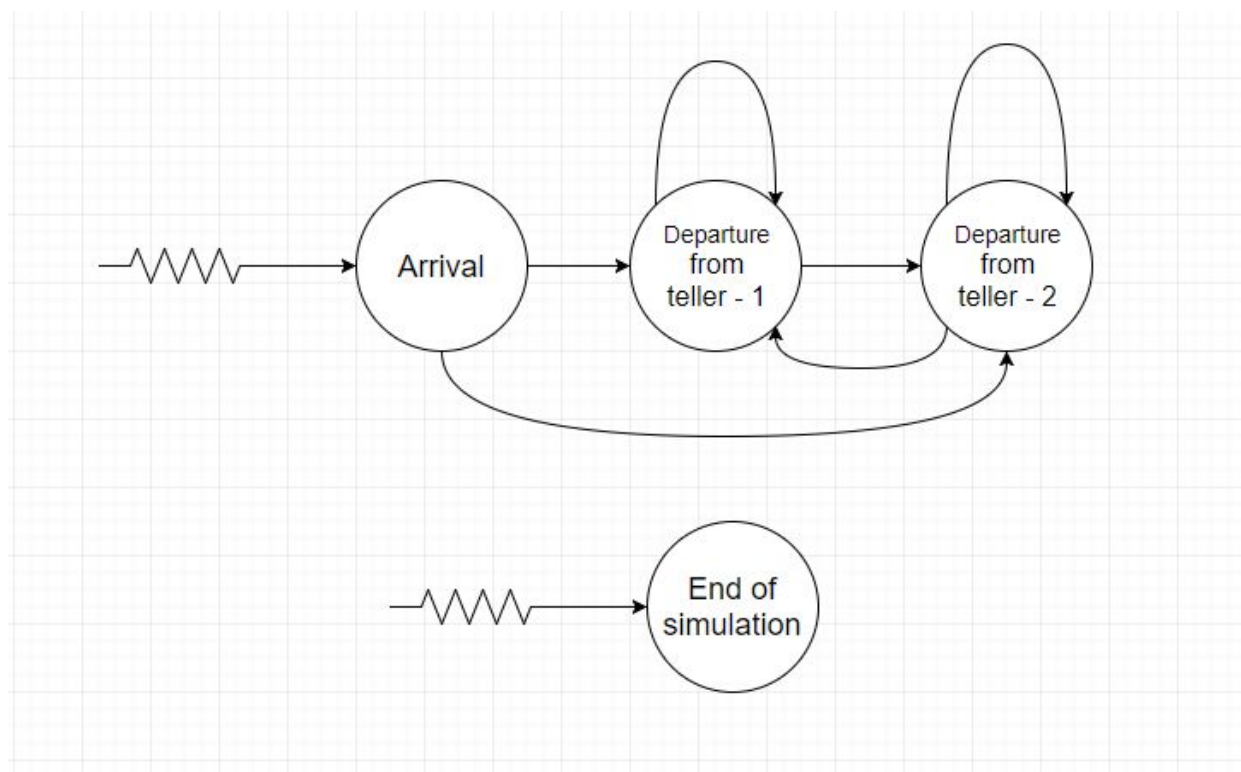# EVENT GRAPH

Event graph for serial servers

Event graph for parallel servers

Random Numbers Streams

- Stream 1 : for determining the customer types
- Stream2 : for determining whether a customer balks
- Stream 3 : for intervals
- Stream 4 : for service times at teller-1 (A) for both customer types
- Stream 5 : for service times at teller-2 (B)

Performance Metrics

- Average *total* time each type of customer spends in the system
- Number of balks
- Time-average length of each queue
- Maximum length of each queue
- Server utilization (for both servers)

Language / Platform for Coding

Python 3.6.3