

1. Main.c

Heap.c

- constructHeap
- buildHeap
- insertHeap
- removeHeap
- percolateUp
- percolateDown
- newCustomer
- doAnalyticStatistics
 - getRandomInterval
 - generatePercentIdleTime
 - getAverageNumberInSystem
 - getAverageNumberOfCustomers
 - getAverageWaitTime
 - getUtilizationFactor
- factorial
- doSimulatedStatistics
- processNextEvent
- addNewArrival
 - insertHeap

FileIO.c

- getParameters

FIFOQueue.c

- createQueue
- insertQueue
- serve