Assignment on Queues

1. Implement the following CPU scheduling algorithms using Queue as a Data structure

   a) First come first serve
   b) Shortest Job first (Preemptive)
   c) Shortest Job first (Non Preemptive)
   d) Longest Job first (Preemptive)
   e) Longest Job first (Non Preemptive)
   f) Round Robin
   g) Preemptive Priority Base scheduling
   h) Priority Based non Preemptive scheduling

2. Implement Josephus Problem using Circular Queues. The Circular queue may be implemented by Array or a Linked List