```
import java.util.*;
public class RoundRobin {
  static class Task
  {
     int arrive;
     int remain;
     public Task(int arrive, int remain) {
       this.arrive = arrive;
        this.remain = remain;
  public static double roundRobin(int[] arriveTime, int[] runTime, int slot)
     Queue<Task> queue = new LinkedList<>();
     int i = 0, t = 0, wait = 0;
     while(i < arriveTime.length | !queue.isEmpty()) {
        if(!queue.isEmpty()) {
          Task peek = queue.poll();
          wait += (t - peek.arrive);
          if(peek.remain > slot) {
             t += slot;
             peek.remain -= slot;
             peek.arrive = t;
          } else {
             t += peek.remain;
             peek.remain = 0;
             peek.arrive = t;
          while(i < arriveTime.length && arriveTime[i] <= t) {
             queue.offer(new Task(arriveTime[i], runTime[i]));
             i++;
          if(peek.remain != 0) queue.offer(peek);
       } else {
          queue.offer(new Task(arriveTime[i], runTime[i]));
          t = arriveTime[i];
          i++;
     return (wait + 0.0) / arriveTime.length;
  }
}
```