CSCI203: Algorithms and Data Structures

Assignment 2

Question 4:

Screenshot of the output

```
Please enter the total minutes to run: 30

Total number of messages processed      : 942
Average arrival rate                    : 31.40
Average number of messages sent per minute : 22.27
Average number of messages in the queue per minute : 140.67

Number of messages sent on 1st attempt    : 536
Number of messages sent on 2nd attempt    : 102
Number of messages sent on 3rd attempt    : 24
Number of messages sent on 4th attempt    : 6
Number of messages sent on 5th attempt    : 0

Average number of times messages had to be requeued : 0.35

Press Enter to terminate
```