Kyung Cheol Koh

Dr. McBride

CMPT 334

31st October 2021

Triage Scheduler

1. Step 1
   1. Set 1

|  |  |  |  |
| --- | --- | --- | --- |
| Process | Burst Time | Category | Priorities |
| 1 | 5 | Knee Surgery | 2 |
| 2 | 9 | Back Surgery | 5 |
| 3 | 4 | Leg surgery | 3 |
| 4 | 3 | Eye surgery | 2 |
| 5 | 4 | Ankle surgery | 1 |
| 6 | 12 | Brain surgery | 5 |
| 7 | 2 | Eye surgery | 3 |
| 8 | 8 | Back surgery | 4 |

* 1. Set 2

|  |  |  |  |
| --- | --- | --- | --- |
| Process | Burst Time | Category | Priorities |
| 1 | 8 | Brain Surgery | 5 |
| 2 | 7 | Brain Surgery | 5 |
| 3 | 1 | leg surgery | 1 |
| 4 | 2 | leg surgery | 2 |
| 5 | 2 | back surgery | 2 |
| 6 | 4 | back surgery | 3 |
| 7 | 2 | eye surgery | 1 |
| 8 | 7 | leg surgery | 4 |

* 1. Set 3

|  |  |  |  |
| --- | --- | --- | --- |
| Process | Burst Time | Category | Priorities |
| 1 | 1 | eye Surgery | 1 |
| 2 | 2 | ankle Surgery | 1 |
| 3 | 3 | leg surgery | 3 |
| 4 | 2 | ankle surgery | 1 |
| 5 | 3 | knee surgery | 2 |
| 6 | 2 | knee surgery | 2 |
| 7 | 10 | brain surgery | 5 |
| 8 | 3 | leg surgery | 1 |

1. Step 2
2. Step 3
3. Step 4