LAB-13

Q1 Output:
a) FCFS

```
PS C:\6th-sems\OS labs> cd "c:\6th-sems\OS labs\" ; if ($?)
{ gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?)
 { .\tempCodeRunnerFile }
Enter the number of tracks: 8
Enter the tracks to be traversed:
98 183 37 122 14 124 65 67
Tracks traversed          Difference between tracks
98                        85
183                       146
37                        85
122                       108
14                        110
124                       59
65                        2

Average header movements: 74.38
```

LAB-13

Q1 Output:

b) SSTF

```
PS C:\6th-sems\OS labs> cd "c:\6th-sems\OS labs\" ; if ($?)
{ gcc lab_13_2.c -o lab_13_2 } ; if ($?) { .\lab_13_2 }
Enter the number of Requests: 8
Enter the Request sequence:
98 183 37 122 14 124 65 67
Enter initial head position: 53
Total head movement is 236
```

c) SCAN

```
PS C:\6th-sems\OS labs> cd "c:\6th-sems\OS labs\" ; if ($?)
{ gcc lab_13_3.c -o lab_13_3 } ; if ($?) { .\lab_13_3 }
Enter the number of tracks to be traversed: 8
Enter the position of head: 53
Enter the track numbers:
98 183 37 122 14 124 65 67

Average header movements: 29.50
PS C:\6th-sems\OS labs>
```