Name :-Purval Madhukar Bhude

Roll No. S20230010193

Subject :- ADSA

Lab Assignment 3

Question 1

```
PS C:\IIITS ASSIGNMENTS\Sem 3\ADSA\Assignment 3> cd "c:\IIITS ASSIGNMENTS\Sem 3\ADSA\Assignment 3\"; if ($?) { gcc $20230010193_A03.c -0 $20230010193_A03 }; if ($?) { .\$$202300 10193_A03 }; if ($?) { scc $20230010193_A03.c -0 $20230010193_A03 }; if ($?) { .\$$202300 10193_A03 }; if ($?) { .\$$202300 10193_A03 }; if ($?) { .\$$202300 10193_A03.c -0 $20230010193_A03.c -0 $20230010193_A03 }; if ($?) { .\$$202300 10193_A03 }; if ($?) { .\$$202300
```

Question 2

```
PS C:\IIITS ASSIGNMENTS\Sem 3\ADSA\Assignment 3> cd "c:\IIITS ASSIGNMENTS\Sem 3\ADSA\Assignment 3\"; if ($?) { gcc S20230010193_A03.c -o S20230010193_A03 }; if ($?) { .\S202300 }

INTER THE THE QUESTION YOU WANT TO FURL 2

Enter the question you want to run: 2

Start entering people

1 for priority, 2 for normal, 0 to exit: 1

Enter customer id: 544

1 for priority, 2 for normal, 0 to exit: 2

Enter customer id: 422

1 for priority, 2 for normal, 0 to exit: 2

Enter customer id: 455

1 for priority, 2 for normal, 0 to exit: 1

Enter customer id: 78

1 for priority, 2 for normal, 0 to exit: 2

Enter customer id: 65

1 for priority, 2 for normal, 0 to exit: 2

Enter customer id: 65

1 for priority, 2 for normal, 0 to exit: 2

Enter customer id: 65

1 for priority, 2 for normal, 0 to exit: 2

Enter customer id: 88

1 for priority, 2 for normal, 0 to exit: 1

Enter customer id: 45

1 for priority, 2 for normal, 0 to exit: 0

Printing line: Start <--ID 544 <-- ID 78 <-- ID 45 <-- ID 45 <-- ID 65 <-- ID 65 <-- ID 88 <-- End
```

Question 3

```
Printing line: Start <--ID 544 <-- ID 78 <-- I
```

Question 5

```
PS C:\IIITS ASSIGNMENTS\Sem 3\ADSA\Assignment 3> cd "c:\IIITS ASSIGNMENTS\Sem 3\ADSA\Assignment 3\"; if ($?) { gcc $20230010193_A03.c -0 $20230010193_A03 }; if ($?) { .\$5202300 10193_A03.c -0 $20230010193_A03 }; if ($?) { .\$5202300 10193_A03.c -0 $20230010193_A03.c -0 $20230010193_A03 }; if ($?) { .\$5202300 10193_A03.c -0 $20230010193_A03.c -0 $20
```