

```
main ± clang PracticalW3.c -o out && ./out
```

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
532

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
325

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
235

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 3

Queued tasks are:

TaskId: 532 TaskTitle: ew34s
TaskDuration: 3 Status: Queued

TaskId: 325 TaskTitle: hg43gw
TaskDuration: 3 Status: Queued

TaskId: 235 TaskTitle: fr33es
TaskDuration: 3 Status: Queued

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
123

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
242

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 3

Queued tasks are:

TaskId: 532 TaskTitle: ew34s
TaskDuration: 3 Status: Queued

TaskId: 325 TaskTitle: hg43gw
TaskDuration: 3 Status: Queued

TaskId: 235 TaskTitle: fr33es
TaskDuration: 3 Status: Queued

TaskId: 123 TaskTitle: f33fss
TaskDuration: 3 Status: Queued

TaskId: 242 TaskTitle: gd34fa
TaskDuration: 3 Status: Queued

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
532
Task is already queued or completed

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
235
Task is already queued or completed

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit
Enter your choice: 1

Enter the task id of the tasks to be scheduled
532 2352 325 235 123 324532 12414 242 1444 414
324532

Queue is full
Wait time is between 3 and 15 seconds

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit
Enter your choice: 2
Task 532 is running
Task 532 is completed

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit
Enter your choice: 2
Task 325 is running
Task 325 is completed

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit
Enter your choice: 2
Task 235 is running
Task 235 is completed

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit
Enter your choice: 2
Task 123 is running
Task 123 is completed

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit
Enter your choice: 2
Task 242 is running
Task 242 is completed

1. Schedule task

2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 2

Queue is empty

1. Schedule task
2. Run task
3. Display scheduled Task
4. Exit

Enter your choice: 4