# MIDTERM SOLUTIONS

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OUTPUT:

Question 1:

```
C:\Users\basud\OneDrive\De:    +    ˅                                    —    □    ×

Member: Amit
Days exceeding 10,000 steps: 12
Maximum step count in the month: 15000

Member: Rahul
Days exceeding 10,000 steps: 6
Maximum step count in the month: 12000

Process returned 0 (0x0)   execution time : 0.099 s
Press any key to continue.
```

Question 2:

```
C:\Users\basud\OneDrive\De:    +    ˅                                    —    □    ×

Original Playlist:
101 -> 102 -> 103 -> 104 -> 105 -> 106 -> 107 -> NULL
Modified Playlist:
101 -> 105 -> 104 -> 103 -> 102 -> 106 -> 107 -> NULL

Process returned 0 (0x0)   execution time : 0.131 s
Press any key to continue.
```

Lab question 2:

```
C:\Users\basud\OneDrive\De:    +    ˅                                    —    □    ×

Call added: 101
Call added: 102
Call added: 103
Call added: 104
Call added: 105
Customers in queue: 101 102 103 104 105
Queue is full. Please wait.
Removed customer: 101
Removed customer: 102
Customers in queue: 103 104 105
Call added: 106
Call added: 107
Customers in queue: 103 104 105 106 107

Process returned 0 (0x0)   execution time : 0.043 s
Press any key to continue.
```

Lab question 3:

```
C:\Users\basud\OneDrive\De:    +    ˅                                    —    □    ×

Performed operation 10
Performed operation 20
Performed operation 30
Undo operation 30
Redo operation 30

Undo Stack: 10 20 30
Redo Stack: Empty

Process returned 0 (0x0)   execution time : 0.102 s
Press any key to continue.
```