Mid-Term DSA(EVE203) Output Snippets

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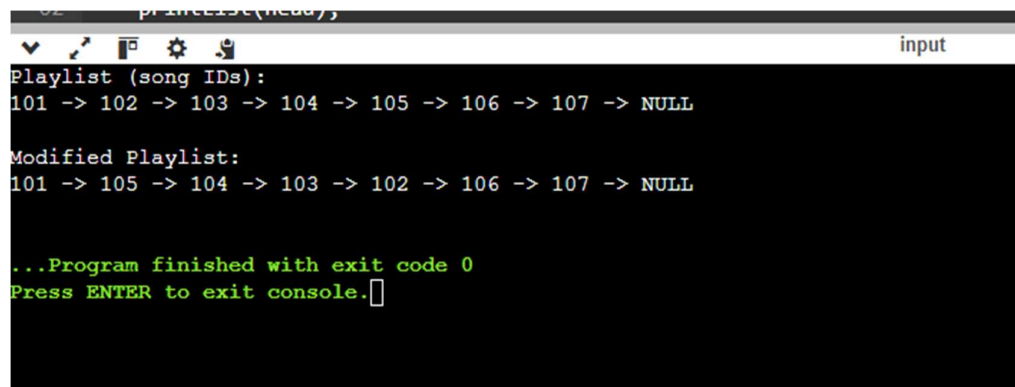
THEORY EXAM:

Q1 Solution Output:

```
                                           input
Member: Anup
Days exceeding 10000 steps: 13
Maximum step count of a member: 23400
Member: Harry
Days exceeding 10000 steps: 10
Maximum step count of a member: 17400
Member: Ronny
Days exceeding 10000 steps: 12
Maximum step count of a member: 16700
```
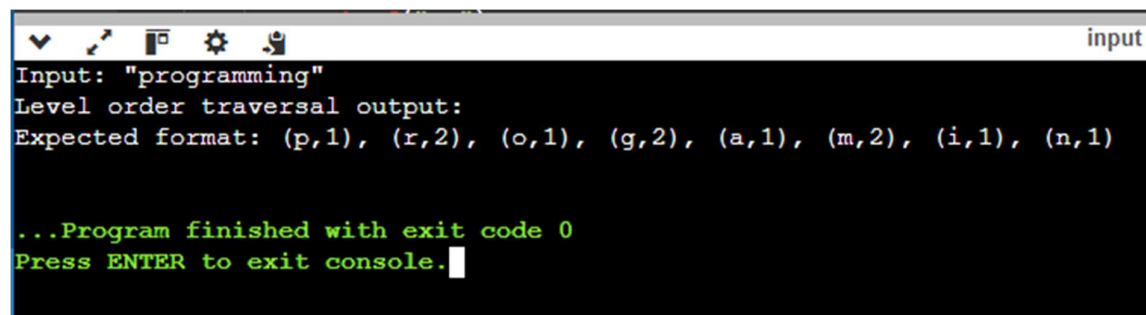
Q2 Solution Output:

```
                                                  input
Playlist (song IDs):
101 -> 102 -> 103 -> 104 -> 105 -> 106 -> 107 -> NULL

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

...Program finished with exit code 0
Press ENTER to exit console.
```
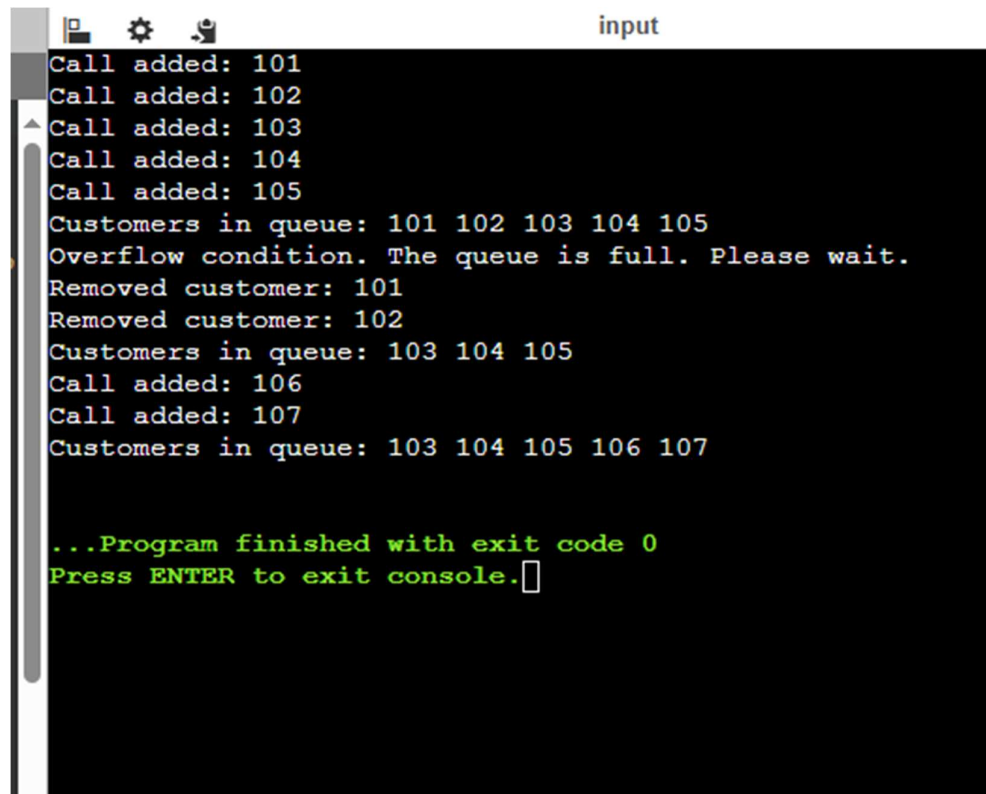
Q3 Solution Output:

```
                                                      input
Input: "programming"
Level order traversal output:
Expected format: (p,1), (r,2), (o,1), (g,2), (a,1), (m,2), (i,1), (n,1)


...Program finished with exit code 0
Press ENTER to exit console.
```
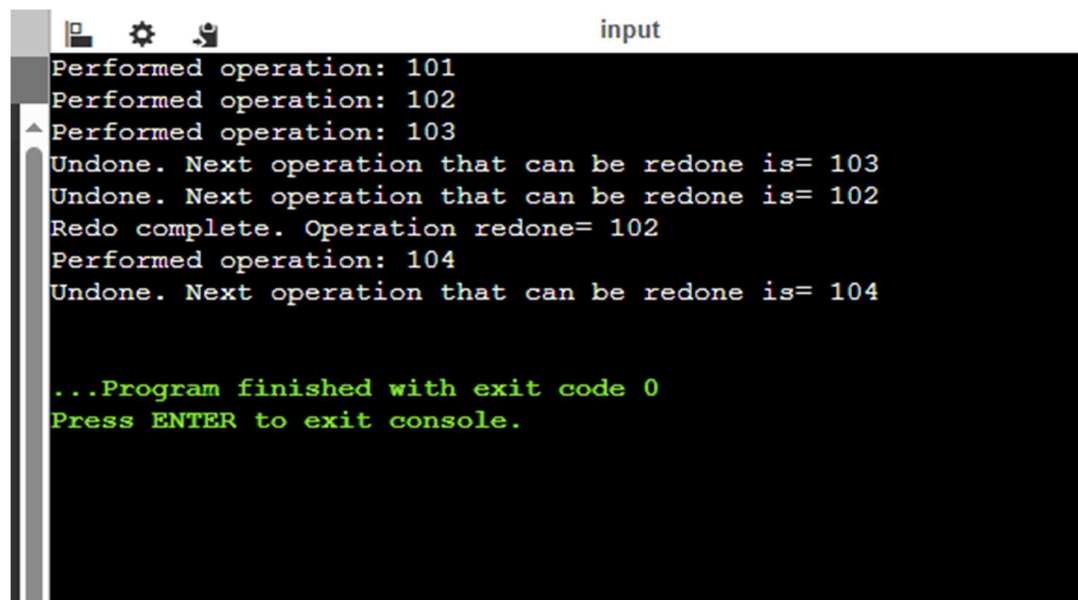
LAB EXAM:

Q2 Solution Output:

```
                                         input
Call added: 101
Call added: 102
Call added: 103
Call added: 104
Call added: 105
Customers in queue: 101 102 103 104 105
Overflow condition. The 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


...Program finished with exit code 0
Press ENTER to exit console.
```

Q3 Solution Output:

```
                                         input
Performed operation: 101
Performed operation: 102
Performed operation: 103
Undone. Next operation that can be redone is= 103
Undone. Next operation that can be redone is= 102
Redo complete. Operation redone= 102
Performed operation: 104
Undone. Next operation that can be redone is= 104


...Program finished with exit code 0
Press ENTER to exit console.
```