DS Lab # 14

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Department: BS-SE sem-3(section 2)

TASK_1:

OUTPUT:

```
PS E:\GitHub\DS LAB> cd "e:\GitHub\DS LAB\lab 14\" ; if ($?)

        Original String: Muhammad Shameel

        Reversed String: leemahS dammahuM

PS E:\GitHub\DS LAB\lab 14>
```

TASK_2:

OUTPUT:

```
PS E:\GitHub\DS LAB> cd "e:\GitHub\DS LAB\lab 14\" ; if ($?) { g++ TASK-2.cpp -o TASK-2 } ;
        Queue Elements: 10 20 30
        Number of elements in the queue: 3
        Queue Overflow! Cannot add more elements.
        Queue Elements: 10 20 30 40 50
        Dequeued: 10
        Queue Elements: 20 30 40 50
        Clearing the queue...
        Queue is empty!
        Number of elements in the queue after clearing: 0
PS E:\GitHub\DS LAB\lab 14>
```