

**Graded Lab 03**  
**Data Structures and Algorithms**

**Task 1:**

You are given a string: "4 5 4 \* 8 1 0 7 4 5 2\* 6 7 \* 2";

Read the string from left and apply following algorithm using Queue and stack.

- Read String and push each number into stack
- If '\*' is found then, perform 2 pop operation and multiply both numbers. After multiplication en-queue result into Queue.