**Try any two problem from first 3**

**Q.1 Write c program to evaluate prefix expression.**

**Example:**

**+9\*26**

**Ans:** 21

**-+8/632**

Ans: 8

**Q.2 Remove all duplicate adjacent characters from a string using Stack**

**Input:** str= “azxxzy”  
**Output:** ay   
Removal of “xx” modifies the string to “azzy”.   
Now, the removal of “zz” modifies the string to “ay”.   
Since the string “ay” doesn’t contain duplicates, the output is **ay**.

**Input**: “aaccdd”  
**Output:** Empty String

**Q.3 Write c program to check whether postfix expression is correct or not if yes output should be 1 else 0.**

10,5,+,4,-,3,3,-

Ans: 0

5,3,+,8,2,-,\*

Ans: 1

2,3,1,\*,+,9-

Ans: 1

**Bonus Problems**

Q.1 Given a string ‘str’ of digits and an integer ‘n’, build the lowest possible number by removing ‘n’ digits from the string and not changing the order of input digits.

**Examples:**

**Input:** str = "4325043", n = 3

**Output:** "2043"

**Input:** str = "765028321", n = 5

**Output:** "0221"

**Input:** str = "121198", n = 2

**Output:** "1118"