

1]Find if a String2 is substring of String1. If it is, return the index of the first occurrence. else
return -1.

Sample Input-1

thistest123string123

123

Sample Output-1

8

2]Evaluate the value of an arithmetic expression in Reverse Polish Notation .

Valid operators are + , - , * , /. Each operand may be an integer or another expression .

Some examples :

[" 2 " , " 1 " , " + " , " 3 " , " * "] -> ((2 + 1) * 3) -> 9

[" 4 " , " 13 " , " 5 " , " / " , " + "] -> (4 + (13 / 5)) -> 6

3]Write a Java program to replace each substring of a given string that matches the given

regular expression with the given replacement.

Sample string : "The quick brown fox jumps over the lazy dog."

In the above string replace all the fox with cat.

4]Write an efficient Java program to return the maximum occurring character in the input string, e.g., if the input string is "Java" then the function should return 'a'.

5]Write an efficient program to test if two given String is a rotation of each other or not, e.g. if the given String is "XYZ" and "ZXY" then your function should return true, but if the input is "XYZ" and "YXZ" then return false.
