National University
of Computer & Emerging Sciences

Program: BS (CS/SE)   Assignment#02
Semester: Spring 2023   Due Date: 08-03-2023
Target CLO: CLO 3   Marks: 10
Course: CS2001 - Data Structures   Instructor: Waqas Ali

1. Write a function to evaluate a postfix expression using a stack. The function should take a postfix expression as a parameter and return the result of the expression. [5]

2. Write a function that matches the brackets in a given string using a stack. If all the brackets match then the function should return true, it should return false otherwise. [5]