

## **National University** of Computer & Emerging Sciences



Program: BS (SE & AI) Semester: Fall 2024 Target CLO: CLO 3

Course: CS2001 - Data Structures

Assignment#01 Due Date: 14-10-2024

Marks: 10

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]