

CS2040/C

Friday, 21 September 2018

LAB DEMO 04

Stack

- Write a C++ code for bracket matching problem (Tutorial 4)
- Use C++ stack
- There can be three types of brackets: '(', '{', '['

Stack

- Write a C++ code to evaluate a postfix expression
- Explain what is postfix expression
- Expression can contain single digit numbers, +, -, *
- Use C++ stack
- Print the final value of the expression

Homework

- Modify the postfix expression evaluation code to expressions which contain multi-digit numbers
- Example: 20 30 + 400 *
- Assume that each token (numbers or operators) are separated by space