

COSC 2007 LAB: Data Structure II

LAB#2

Purpose:

The purpose of this lab is to implement recursion and expressions

Before starting the coding, write an algorithm of the following problems

Exercise#1

Write a program to check given string is palindrome or not using recursion

Exercise#2

Write a program to convert prefix into postfix expression

What to submit: The submission is the Exercise1 and exercise2

How to submit a lab Assignment: Lab assignment can submit either java file of text file with appropriate comments. Student name, section and ID number should be written at the top of a program as the comments. You can submit assignment through Lab#2 link under assignments in your Moodle account.

Submission Due: The submission due is during the lab time

Submission Report Format:

Lab No

<Course Name>

<Student Name>

<Student Number>

Exercise No:

<Type the question here>

Pseudocode/Algorithm:

Describe a solution by writing the steps clearly

Code:

<paste your code here that should be run>

Output:

<paste 3 out outputs one after the other, each for a unique set of inputs>

Conclusion:

Summary of the work

: