

# CS2100 Computer Programming Lab

## Assignment 5

Total Marks: 5

Due date for problems: 13 September, 2015

1. The assignment asks you to write a make file for the problems given in assignment 4. In particular you are supposed to use the stack program submitted in assignment question 4.1 for the questions in 4.2. Specifically, create 5 files -
  - (a) 'stack.c' should contain the operations to be performed on stack.
  - (b) 'stack.h' should contain the structure of stack along with the declarations of functions in 'stack.c'.
  - (c) `rollNo_p2.c` should contain the code for problem 2 of Assignment 4. This file will have a main function and include stack.h.
  - (d) `rollNo_p3.c` should contain the code for problem 3 of Assignment 4. This file will have a main function and include stack.h.
  - (e) makefile supporting the following operations:
    - make BalancedCheck
    - make FindPosition
    - make all
    - make objects - to create the object files (\*.o files)
    - make tar - to create the tarball for your assignment.

Name the makefile as 'makefile'.

(5)

## Submission Guidelines

These 5 files should be placed in a folder named `rollNo_lab5`, that should be compressed as `rollNo_lab5.tar.gz`. Upload this tarball for your submission. Please make sure you have removed all the temporary files and executables before you make your submission on Moodle.