

Data Structures and Algorithms Lab

04. Stack Up!

Lab Code: 17ECSP201

Lab No: 04

Semester: III

Date: 31 Aug, 2017

Batch: C1

Question: Implementing a Stack

Objective: Stack operations implementation using static and dynamic memory allocation

Stack Properties

- A Stack is a First In Last Out data structure (Can also be referred to Last In First Out)
- Basic operations on stack are:
 - PUSH
 - POP
 - PEEK
- All operations happen with respect to “top” of the stack
- Stack elements are always printed from top to ‘0’ index. (However print is a illegal operation)

You are given with a codeblocks project with name **Stack_Up**. You are supposed to implement the stack using static and dynamic memory allocation schemes.

A few things are already done for you!

Yayy!

Go ahead and finish up the remaining implementation works.