

Day-3 (Stack)

1. Write a program to insert, delete and display data of a stack using array and switch case. Use three separate functions for insertion, deletion and display.
2. Write a c program to define a user define data type (student) using structure having member variables – roll, std_name, maths_marks, english_marks, rank.
 - a) Implement a stack to store the record, delete record and display the records.
 - b) Display the list of student roll wise.
 - c) Calculate the total marks (English, maths) for each student.
 - d) Display the name of students according to descending order of marks.
3. Write a C program to reverses a string using stack.

Day-4 (Queue)

1. Write a C program to implement basic operations on linear queue.
2. Write a C program to implement basic operations on circular queue.