

1. Write a program for a 2 dimensional array to perform following operations
 - Add two arrays
 - Subtract two arrays
 - Transpose
 - Search an element
2. Write a program to find element in array using binary search method.
 - Iteration method
 - Recursion method
3.
 - Swap two numbers using
 - call by value
 - call by reference
 - Reverse a number (pointers)
 - example :-
input: 1234
output:4321
 - Perform operations on strings(do not use inbuilt functions)
 - addition
 - copying
 - length of string
 - Print reverse of a string(do not use inbuilt functions)
 - Input: Number of test cases ,
Test cases(each test case string S, comprising only lower case letters).
Output: For each test case, print the reverse of string S
4. Merge 2 sorted arrays into one sorted array.(Redundant elements to be repeated in final array).
5. Create and search records of student details using structure.
6. Implement a singly linked list containing integers.