

Lab ---2

- 1) Write a C program which sort array first if it is not sorted. Then do search using Binary search. In your code, you must write three functions named main(), sort() and search().
- 2) Write down code to implement Stack. User will give the push and pop command. User will give the input value also. You must consider the condition when stack is empty or full.
- 3) Write down code to implement linear Queue. User will give the Insert and Delete command. User will give the input value also. You must consider the condition when Queue is empty or full
- 4) You have given an infix expression. Write a program to convert the infix expression into postfix expression using stack