**Title**

1. **Write a menu driven program in C for array implementation of Stack.**

**AIM: To Perform the array implementation of Stack**

**ALGORITHM:**

**PROGRAM:**

**OBSERVATION:**

**RESULT:**

1. **Write a menu driven program in C for array implementation of Stack.**
2. **Write a menu driven program in C for array implementation of Queue.**
3. **Write a menu driven program in C to show basic operation in List.**
4. **Write a menu driven program in C to perform various operations in Linked list.**
5. **Write a program to generate Fibonacci series up to n terms using recursive functions.**

**(Fibonacci sequence =0,1,1,2,3,5,8,13,21,34,55)**

1. **Write a program for recursive solution of Tower of Hanoi**
2. **Write a program for inserting an element in AVL tree.**
3. **Write a program in C for Merge Sort.**