```c
#include<stdio.h>

int a[100],top=-1;

void push(int value)
{
    top=top+1;
    a[top]=value;
}

pop()
{
    if(top==-1)
        printf("Stack is empty");
    else
        top=top-1;
}

display()
{
    int i;
    for(i=top;i>=0;i--)
        printf("\n|%d|",a[i]);
}

int main()
```

```c
{
    int c,value;
    do{

        printf("0.Display\n");

        printf("1.Push\n");

            printf("2.POP\n");

                printf("3.EXIT\n");

        printf("Enter U Choice : ");


    scanf("%d",&c);
    if(c==0)
        display();
    if(c==1){
        scanf("%d",&value);
        push(value);}
    if(c==2)
    {
        pop();
    }

    }while(c!=3);
```

}