DS LAB

Quowing.

a) Push

b) Pop

c) itispiay

the Dung. should point appenopuiale meesages dos stack overflow,

Stack under flow.

#dy ne St

#include estadio.h>

#include cconfort>

Hadine SIZE 10

void Dush Cint)

void pop ();

void display();

Port Stack [Size] , top = -1.

Void main ()

٩

9

9 9

4

4

4

3

void push Cint val)

3

if (LOP == SIZE-1)

Donate (" In Stack is Start .).

else

```
-top ++ ;
 Slack [top ]: value;
 Paints ( " In toseistion Success! ");
3
yold Pop () {
if (top == -1)
  painif ("In Stack is empty"), 9
 else
  £
      Drintf (" In Delated: 1.d" Stack[top]);
       top - - :
 void display () &
    if ( top == -1)
      Desint (" In Stack is Emply ");
  else
   2
      Print ("In Stack elements are: In").
      Pox ( i= top; i>= 0; i =-)
       Print ("Y. dln", stack [i];
                                              Scarned with Camso
```