**Program:**

#include<iostream.h>

#include<conio.h>

class Abc

{

int STACK[20],TOP,MAXSTK;

public:

Abc()

{

TOP=0;

}

void Push(int item)

{ MAXSTK=7;

if(TOP==MAXSTK)

{

cout<<"Overflow";

}

else

{

TOP=TOP+1;

STACK[TOP]=item;

}

}

void Display()

{

cout<<"\nStack\n";

for(int i=1;i<=TOP;i++)

{

cout<<STACK[i]<<" ";

}

}

void Pop()

{

char ch;

do

{

cout<<"Pop top element\n";

if (TOP==NULL)

{

cout<<"Underflow";

}

else

{

TOP=TOP-1;

}

Display();

cout<<"\nDo you want to pop next item=";

cin>>ch;

}

while(ch=='y' || ch == 'y');

}

};

void main()

{

Abc a1;

clrscr();

a1.Push(20);

a1.Push(10);

a1.Push(30);

a1.Display();

a1.Pop();

getch();

}

**Output:**



