***STACK PROGRAM***

#include<iostream>

using namespace std;

int top=0;

int maxstk=15;

//Push Element into the Stack

void push(int STACK[], int item)

{

if(top == maxstk)

{

cout<<"OVERFLOW!";

}

else

{

top++;

STACK[top] = item;

}

}

//Pop Element from the Stack

void pop(int STACK[],int\* item)

{

if(top == 0)

{

cout<<"UNDERFLOW!";

}

\*item = STACK[top];

top--;

}

int main(){

int STACK[16];

//Pass Element to the Stack

int item;

item =71;

push(STACK,item);

item =72;

push(STACK,item);

item = 73;

push(STACK,item);

item = 74;

push(STACK,item);

item = 75;

push(STACK,item);

for(int i=top;i>0;i--)

{

cout<<endl<<STACK[i]<<endl; }

pop(STACK,&item);

pop(STACK,&item);

// pop(STACK);

cout<<"\nAfter pop";

for(int i=top;i>0;i--)

{

cout<<endl<<STACK[i]<<endl;

}

}