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1 //Tazminur Rahman Tanim
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3 #include<stdio.h>
4 #define max 10
5 int top=-1;
6 int stack[max];
7 void push(int element)
8 {
9     if(top==max-1)
10     {
11         printf("Overflow\n");
12     }
13     else
14     {
15         top++;
16         stack[top]=element;
17         printf("%d pushed \n",stack[top]);
18     }
19 }
20 void pop()
21 {
22     if(top==--1)
23     {
24         printf("Empty");
25     }
26     else
27     {
28         printf("%d popped \n",stack[top]);
29         top--;
30     }
31 }
32 void display()
33 {
34     if(top==--1)
35     {
36         printf("Stack is empty \n");
37         return;
38     }
39     printf("Elements in stack:");
40     for(int i=top; i>=0; i--)
41     {
42         printf("%d ",stack[i]);
43     }
44     printf("\n");
45 }
46 int main()
47 {
48     push(11);
49     push(12);
50     push(13);
51     push(14);
52     push(15);
53     push(16);
54     push(17);
55     push(18);
56     push(19);
57     push(20);
58     display();
59     pop(11);
60     pop(12);
61     pop(13);
62     pop(14);
63     pop(15);
64     display();
65 }
66
```