

```

1 #include<stdio.h>
2 #include<stdlib.h>
3 #define MAXSIZE 5
4 struct stack
5 {
6     int stk[MAXSIZE];
7     int top;
8 };
9 typedef struct stack ST;
10 ST s;
11 /*Function to add an element to stack */
12 void push ()
13 {
14     int num;
15     if (s.top == (MAXSIZE - 1))
16     {
17         printf ("Stack is Full\n");
18         return;
19     }
20     else
21     {
22         printf ("\nEnter element to be pushed : ");
23         scanf ("%d", &num);
24         s.top = s.top + 1;
25         s.stk[s.top] = num;
26     }
27     return;
28 }
29 /*Function to delete an element from stack */
30 int pop ()
31 {
32     int num;
33     if (s.top == - 1)
34     {
35         printf ("Stack is Empty\n");

```

Select C:\Users\welcome\Documents\stack operations,C.exe

```

STACK OPERATIONS
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1. PUSH
2. POP
3. DISPLAY
4. EXIT

Choose operation : 2
Stack is Empty

Choose operation : 3
Stack is empty

Choose operation : 4

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Process exited after 9.506 seconds with return value 0
Press any key to continue . . .

```

#### Compilation results...

```

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\welcome\Documents\stack operations,C.exe
- Output Size: 129.875 KiB
- Compilation Time: 0.22s

```