



```
1  #include <stdio.h>
2  #include <stdlib.h>
3
4  #define n 5
5  int stack[n];
6  int top = -1;
7
8  void push();
9  void pop();
10 void display();
11
12 void push() {
13     if (top >= n - 1) {
14         printf("Stack overflow\n");
15     } else {
16         int x;
17         printf("Enter element:\n");
18         scanf("%d", &x);
19         top++;
20         stack[top] = x;
21     }
22 }
23
24 void pop() {
25     if (top == -1) {
26         printf("Stack underflow\n");
27     } else {
28         int ele = stack[top];
29         printf("Element deleted is %d\n", ele);
30         top--;
31     }
32 }
33
34
```

#### Logs & others

Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope Debugger DoxyBlocks Fortran info Close

NativeParser: DoFullParsing took: 0.534 seconds.  
NativeParser: CreateParser: Finish creating a new parser for project "NONE"  
NativeParser: OnParserEnd: Project "NONE" parsing stage done!  
ToDoList: Warning: No to-do types or comment symbols selected to search for, nothing to do.  
ToDoList: Warning: No to-do types or comment symbols selected to search for, nothing to do.  
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Management x

Projects Files FSy

Workspace

Start here x ss.c x ss1.c x

```
34 void display() {
35     if (top == -1) {
36         printf("Empty stack\n");
37     } else {
38         printf("Elements in the stack are:\n");
39         for (int i = top; i >= 0; i--) {
40             printf("%d\n", stack[i]);
41         }
42     }
43 }
44
45 int main() {
46     while (1) {
47         int choice;
48         printf("Enter 1 for push, 2 for pop, 3 for display: ");
49         scanf("%d", &choice);
50         switch (choice) {
51             case 1:
52                 push();
53                 break;
54             case 2:
55                 pop();
56                 break;
57             case 3:
58                 display();
59                 break;
60             default:
61                 printf("Invalid input\n");
62         }
63     }
64
65     return 0;
66 }
```

# Logs & others

Code::Blocks x Search results x Cccc x Build log x Build messages x CppCheck/Vera++ x CppCheck/Vera++ messages x Cscope x Debugger x DoxyBlocks x Fortran info x Close

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