

C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.cpp - [Executing] - Dev-C++ 5.11

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(globals)

Project Classes Debug

Untitled1.cpp

```
1 #include <stdio.h>
2 #define SIZE 100
3 int stack[SIZE], top = -1;
4
5 void push(int val) {
6     if (top == SIZE - 1) printf("Stack Overflow\n");
7     else stack[++top] = val;
8 }
9
10 void pop() {
11     if (top == -1) printf("Stack Underflow\n");
12     else top--;
13 }
14
15 void peek() {
16     if (top == -1) printf("Stack is Empty\n");
17     else printf("Top: %d\n", stack[top]);
18 }
19
20 int main() {
21     push(10); push(20); push(30);
22     peek(); // Should print 30
23     pop();
24     peek(); // Should print 20
25     return 0;
26 }
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Shorten compiler paths

Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\Untitled1.exe
Output Size: 128.6884765625 KiB
Compilation Time: 0.42s

Line: 2 Col: 17 Sel: 0 Lines: 26 Length: 522 Insert Done parsing in 0.032 sec

C:\Users\Deekshitha Reddy\O

Top: 30
Top: 20

Process exited after 0.3304 seconds with return value 0
Press any key to continue . . .