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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Programming in Modern C++ (course)



Register for Certification
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W1_Programming_Qs_1

Due on 2023-02-09, 23:59 IST

Consider the program below.

- Fill in the blank at LINE-1 to declare a stack variable s.
- Fill in the blank at LINE-2 to push value into stack.
- Fill in the blank at LINE-3 with appropriate statement.

The program must satisfy the given test cases.

Private Test cases used for evaluation

Test Case 1

Input	Expected Output	Actual Output	Status
batch	hcta	hcta	Passed



Course outline

How does an NPTEL
online course work? ()

Week 0 ()

Week 1 ()

- Lecture 01 : Course Overview (unit?unit=22&lesson=23)
- Lecture 02 : IO & Loop (unit?unit=22&lesson=24)
- Lecture 03 : Arrays and Strings (unit?unit=22&lesson=25)
- Lecture 04 : Sorting and Searching (unit?unit=22&lesson=26)
- Lecture 05 : Stack and Common Data Structures / Containers (unit?unit=22&lesson=27)
- Tutorial 01 : How to build a C/C++ program?: Part 1: C Preprocessor (CPP) (unit?unit=22&lesson=28)
- Week 1 Lecture Material (unit?unit=22&lesson=29)
- Quiz: Week 1 : Assignment 1 (assessment?name=164)
- **W1_Programming_Qs_1 (/noc23_cs50/progassignment?name=165)**
- W1_Programming_Qs_2 (/noc23_cs50/progassignment?name=166)

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2023-02-04, 17:50 IST

Your last recorded submission was :

```
1 #include<iostream>
2 #include<cstring>
3 #include<stack>
4 using namespace std;
5 int main() {
6     char str[20];
7     char ch;
8     cin >> str;
9     stack<char> s; //LINE-1
10    for(int i = 0; i < strlen(str); i++)
11        s.push(str[i]); //LINE-2
12    for(int i = 0; i < strlen(str) - 1; i++) {
13        ch = s.top(); //LINE-3
14        cout << ch;
15        s.pop();
16    }
17    return 0;
18 }
```



☒ W1_Programming_Qs_3
(/noc23_cs50/progassignment?
name=167)

☒ Week 1 Feedback Form
(unit?unit=22&lesson=30)

☐ Assignment 1 Solution
(unit?unit=22&lesson=31)

Week 2 ()

Week 3 ()

Week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

Download Videos ()

Books ()

Transcripts ()

**Problem Solving
Session ()**



