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

Announcements (announcements)        **About the Course (preview)**        Ask a Question (forum)

Progress (student/home)        Mentor (student/mentor)

# W8_Programming-Qs1

**Due on 2020-11-12, 23:59 IST**

Consider the following program. Fill in the blanks: at `LINE-1` with appropriate template header, at `LINE-2` with proper parameter-list for function `Swap()`, and at `LINE-3` with proper declaration of function variable, such that it satisfies the given test cases.

| Private Test cases used for evaluation | Input | Expected Output | Actual Output | Status |
|---|---|---|---|---|
| Test Case 1 | 100 200 -3.13 34.33 hello world | 200 100 34.33 -3.13 world hello | 200 100 34.33 -3.13 world hello | Passed |

The due date for submitting this assignment has passed.
1 out of 1 tests passed.
You scored 100.0/100.

**Assignment submitted on 2020-11-12, 23:34 IST**
Your last recorded submission was :

```
1  #include <iostream>
2  #include <string>
3  using namespace std;
4
5  // Write the Swap function here
6  template <class T>    // LINE-1
7  void Swap(T& x, T& y) { // LINE-2
8      T t;               // LINE-3
9      t = x;
10     x = y;
11     y = t;
12 }
13
14 int main() {
```

## Course outline

**How does an NPTEL online course work?**

**Week 0**

**Week 1**

**Week 2**

**Week 3**

**Week 4**

**Week 5**

**Week 6**

**Week 7**

**Week 8**

○ Module 36 :
Exceptions (Error
Handling in C) :
Part I (Lecture
52) (unit?
unit=89&lesson=90)

```
15     int a, b;
16     double s, t;
17     string mr, ms;
18
19     cin >> a >> b;
20     cin >> s >> t;
21     cin >> mr >> ms;
22
23     Swap(a, b);
24     Swap(s, t);
25     Swap(mr, ms);
26
27     cout << a << " " << b << " ";
28     cout << s << " " << t << " ";
29     cout << mr << " " << ms;
30
31     return 0;
32 }
```

○ Feedback For
  Week 8 (unit?
  unit=89&lesson=96)

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Solution**

**Books**

**Live Interactive
Session**

**Programming Test
(11th Dec):
Session-1
(10.00AM -
11.00AM)**

**Programming Test
(11th Dec):
Session-2 (8.00PM
- 9.00PM)**