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

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

Week 4

● Module 16 :
Static Members
(Lecture 31)
(unit?
unit=56&lesson=57)

● Module 17 :
Friend Function
and Friend Class
(Lecture 32)
(unit?
unit=56&lesson=58)

● Module 18 :
Overloading
Operator for User
Defined Types:

W4_Programming-Qs3

Due on 2020-10-15, 23:59 IST

Consider the following program and fill in the banks in `LINE-1` with appropriate overloaded operation and `LINE-2` with appropriate parameter for `fun()` function such that it matches the given test cases.

Private Test cases used for evaluation

Test Case 1

Input

5 0
5

Expected Output

0\n

Actual Output

0\n

Status

Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-10-15, 19:18 IST

Your last recorded submission was :

```

1 #include <iostream>
2 using namespace std;
3
4 class myClass {
5 public:
6     int data;
7     myClass(int x) : data(x) { }
8     myClass operator==(myClass &m1) {
9         myClass m(0);
10        if(data == m1.data) m.data = 1;    // LINE-1
11        return m;
12    }
13 };
14
15 void fun(myClass m) { // LINE-2
16     cout << m.data << endl;
17 }
18
19 int main() {
20     int i, j, k;
```

Part - I (Lecture
33) (unit?
unit=56&lesson=59)

● Module 19 :
Overloading
Operator for User
Defined Types:
Part - II (Lecture
34) (unit?
unit=56&lesson=60)

● Module 20 :
Namespace
(Lecture 35)
(unit?
unit=56&lesson=61)

○ Lecture Materials
(unit?
unit=56&lesson=62)

● Quiz :
Assignment 4
(assessment?
name=136)

● W4_Programming-
Qs1
(/noc20_cs57/progassignment?
name=142)

● W4_Programming-
Qs2
(/noc20_cs57/progassignment?
name=143)

● **W4_Programming-
Qs3**
(/noc20_cs57/progassignment?
name=144)

● W4_Programming-
Qs4
(/noc20_cs57/progassignment?
name=145)

○ Feedback For
Week 4 (unit?
unit=56&lesson=63)

Week 5

Week 6

Week 7

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```
21     cin >> i >> j >> k;  
22  
23     myClass m1(i), m2(j), m3(k);  
24     fun(m1 == m2 == m3);  
25  
26     return 0;  
27 }
```

Text Transcripts

**Assignment
Solution**

Books

**Live Interactive
Session**