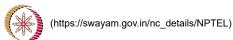
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in C++ (course)

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

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

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-Qs4

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

Consider the below program. Fill in the blanks at LINE-1, LINE-2 and LINE-3 by following given instructions such that it satisfies the given test cases.

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	1 5	11	11	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, 19:20 IST

Your last recorded submission was :

```
#include <iostream>
   using namespace std;
 4
   class myClass {
       int data;
static myClass *t;
 5
 6
                                     // LINE-1 Complete the declaration
        myClass(int x) : data(x) {
   public:
       static myClass *create(int x) {
                                              // LINE-2 Mention return type of the function
10
                (!t)
11
                 t = new myClass(x);
                                              // LINE-3 Allocate memory towards object t
12
                 return t:
13
       void show() {
    cout << data;</pre>
14
15
17 };
   myClass *myClass::t = 0;
20
21 int main() {
```

```
int x, y;
myClass *m1, *m2;
  Part - I (Lecture
                                       22
23
24
25
26
27
28
29
30
  33) (unit?
  unit=56&lesson=59)
                                                  cin >> x >> y;
m1 = myClass::create(x);
m2 = myClass::create(y);
Module 19 :
  Overloading
                                                  m1->show();
m2->show();
  Operator for User
  Defined Types:
                                       32
33 }
                                                  return 0;
  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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Text Transcripts

Assignment Solution

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