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

Register for Certification exam (https://examform.nptel.ac.in/2023_01/exam_form/dashboard)

Course outline

- **How does an NPTEL online course work? ()**
- **Week 0 ()**
- **Week 1 ()**

W3_Programming_Qs-1

Due on 2023-02-16, 23:59 IST

Consider the program below. Fill in the blanks at LINE-1, LINE-2, and LINE-3 with appropriate keywords such that the program must satisfy the given test cases.

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	3 Rahul 10000 5000	3 : Rahul : 15000	3 : Rahul : 15000	Passed

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

Week 2 ()

Week 3 ()

- Lecture 11 : Classes and Objects (unit?unit=42&lesson=43)
- Lecture12 : Access Specifiers (unit?unit=42&lesson=44)
- Lecture 13 : Constructors, Destructors & Object Lifetime (unit?unit=42&lesson=45)
- Lecture 14 : Copy Constructor and Copy Assignment Operator (unit?unit=42&lesson=46)
- Lecture 15 : Const-ness (unit?unit=42&lesson=47)
- Tutorial 03 : How to build a C/C++ program?: Part 3: make Utility (unit?unit=42&lesson=48)
- Week 3 Lecture Material (unit?unit=42&lesson=49)
- Quiz: Week 3 : Assignment 3 (assessment?name=172)
- **W3_Programming_Qs-1 (/noc23_cs50/progassignment?**

Assignment submitted on 2023-02-07, 15:00 IST

Your last recorded submission was :

```
#include<iostream>
using namespace std;
class Employee{
    const int id;
    string name;

    mutable int salary; //LINE-1

    public:
        Employee(int a, string b, int c) : id(a), name(b), salary(c) {}

        void updateSalary(int x) const{ salary += x; } //LINE-2

        void print() const{    //LINE-3
             cout << id << " : " << name << " : " << salary;
        }
};
int main(){
    string n;
    int i, m, u;
    cin >> i >> n >> m >> u;
    const Employee e1(i, n, m);
    e1.updateSalary(u);
    e1.print();
    return 0;
}
```

name=173)

- W3_Programming_Qs-2 (/noc23_cs50/progassignment?name=174)
- W3_Programming_Qs-3 (/noc23_cs50/progassignment?name=175)
- Week 3 Feedback Form (unit?unit=42&lesson=50)
- Assignment 3 Solution (unit?unit=42&lesson=51)

Week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

Download Videos ()

Books ()

Transcripts ()

Problem Solving Session ()