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navnathdeshmukh363@gmail.com ⌄

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

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Course outline

How does an NPTEL online course work? ()

Week 0 ()

Week 1 ()

Week 2 ()

● Lecture 06 : Constants and Inline Functions (unit? unit=32&lesson=33)

● Lecture 07 : Reference & Pointer (unit? unit=32&lesson=34)

● Lecture 08 : Default Parameters &

W2_Programming_Qs-3

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

Consider the program below.
• Fill in the blank at LINE-1 to complete the function header
• Fill in the blank at LINE-2 to complete the return statement
The program must satisfy the given test cases.

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	8 4 6	(14, -2), (14, -2)	(14, -2), (14, -2)	Passed

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

Assignment submitted on 2023-02-07, 14:57 IST
Your last recorded submission was :

```
1  #include <iostream>
2  using namespace std;
3
4  struct point {
5
6      int x, y;
7
8  };
9
10 point operator+ (point &pt, int t) { //LINE-1
11
12      pt.x += t;
13      pt.y -= t;
14
15      return pt; //LINE-2
16 }
17
18 int main() {
19     int a, b, c;
20     cin >> a >> b >> c;
21     point p = {a, b};
```

```
22   int t = c;
23   point np = p + t;
24   cout << "(" << np.x << ", " << np.y << "), (" << p.x << ", " << p.y  << '
25   return 0;
26 }
```

Week 3 ()

Week 4 ()

Week 5 ()

Week 6 ()

Week 7 ()

Week 8 ()

Download Videos ()

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Problem Solving Session ()