

X



(<https://swayam.gov.in>)



(https://swayam.gov.in/nc_details/NPTEL)

navnathdeshmukh363@gmail.com ▾

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)

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

W2_Programming_Qs-3

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

Test Case 1

Input	Expected Output	Actual Output	Status
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     int x, y;
6 };
7
8 point operator+ (point &pt, int t) { //LINE-1
9
10     pt.x += t;
11     pt.y -= t;
12     return pt; //LINE-2
13 }
14
15 int main() {
16     int a, b, c;
17     cin >> a >> b >> c;
18     point p = {a, b};
```

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 &

Function	22	int t = c;
Overloading	23	point np = p + t;
(unit?	24	cout << "(" << np.x << ", " << np.y << "), (" << p.x << ", " << p.y << ' ' << endl;
unit=32&lesson=35)	25	return 0;
	26	}

- Lecture 09 :
Operator
Overloading
(unit?
unit=32&lesson=36)
- Lecture 10 :
Dynamic
Memory
Management
(unit?
unit=32&lesson=37)
- Tutorial 02 :
How to build a
C/C++
program?: Part
2: Build
Pipeline (unit?
unit=32&lesson=38)
- Week 2
Lecture
Material (unit?
unit=32&lesson=39)
- Quiz: Week 2 :
Assignment 2
(assessment?
name=168)
- W2_Programming_Qs-
1
(/noc23_cs50/progassignment?
name=169)
- W2_Programming_Qs-
2
(/noc23_cs50/progassignment?
name=170)
- **W2_Programming_Qs-
3
(/noc23_cs50/progassignment?
name=171)**
- Week 2
Feedback
Form (unit?
unit=32&lesson=40)
- Assignment 2
Solution (unit?
unit=32&lesson=41)

Week 3 ()
Week 4 ()
Week 5 ()
Week 6 ()
Week 7 ()
Week 8 ()
Download Videos ()
Books ()
Transcripts ()
Problem Solving Session ()