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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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## W1\_Programming-Qs3

**Due on 2020-10-01, 23:59 IST**

### Course outline

#### How does an NPTEL online course work?

#### Week 0

#### Week 1

- Module 1 : Recap of C (Lecture 01) (unit? unit=17&lesson=18)
- Module 1 : Recap of C (Lecture 02) (unit? unit=17&lesson=19)
- Module 1 : Recap of C (Lecture 03) (unit? unit=17&lesson=20)
- Module 2 : Programs with IO and Loop (Lecture 04) (unit? unit=17&lesson=21)
- Module 3 : Arrays and Strings (Lecture 05)

Consider the following program and fill in the blanks at LINE-1 to define a function pointer type `Fun_Ptr` such that it can be used to create a pointer to point `add()` function. At LINE-2 create function pointer `fp` to point to function `add()` such that it satisfies the given test cases.

#### Private Test cases used for evaluation

Test Case 1

Input	Expected Output	Actual Output	Status
-40 3 0	-10	-10	Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

#### Assignment submitted on 2020-09-28, 19:33 IST

Your last recorded submission was :

```

1 #include <iostream>
2
3 using namespace std;
4
5 void add(int a, int b) {
6
7     cout << a + b;
8 }
9
10 typedef void (*Fun_Ptr)(int,int); // LINE-1
11
12 Fun_Ptr fp=&add; // LINE-2
13 int main() {
14

```

(unit?  
unit=17&lesson=22)

● Module 4 :  
Sorting and  
Searching  
(Lecture 06)  
(unit?  
unit=17&lesson=23)

● Module 5 : Stack  
and Its  
Applications  
(Lecture 07)  
(unit?  
unit=17&lesson=24)

● Lecture Materials  
(unit?  
unit=17&lesson=25)

● Quiz :  
Assignment 1  
(assessment?  
name=123)

● W1\_Programming-  
Qs1  
(/noc20\_cs57/progassignment?  
name=126)

● W1\_Programming-  
Qs2  
(/noc20\_cs57/progassignment?  
name=127)

● W1\_Programming-  
Qs3  
(/noc20\_cs57/progassignment?  
name=128)

○ Feedback For  
Week 1 (unit?  
unit=17&lesson=26)

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**Week 2**

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**Week 3**

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**Week 4**

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**Week 5**

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**Week 6**

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**Week 7**

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```
15  
16  
17     cin >> a >> b;  
18  
19     (*fp)(a, b);  
20  
21     return 0;  
22 }
```

```
int a, b;
```

```
cin >> a >> b;
```

```
(*fp)(a, b);
```

```
return 0;
```

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