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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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Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

- Module 6 :
Constants and
Inline Functions
(Lecture 08)
(unit?
unit=27&lesson=28)
- Module 6 :
Constants and
Inline Functions
(Contd.) (Lecture
09) (unit?
unit=27&lesson=29)
- Module 7 :
Reference and
Pointer (Lecture
10) (unit?
unit=27&lesson=30)
- Module 7 :
Reference and

W2_Programming-Qs4

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

Consider the following program and fill in the blanks at LINE-1, and LINE-2. LINE-1 should be filled with dynamic memory allocation code which will allocate memory to the pointer p for three integers. LINE-2 should be filled with memory deletion code.

Consider the sample test cases.

Private Test cases used for evaluation

Test Case 1

| Input | Expected Output | Actual Output | Status |
|----------|-----------------|---------------|--------|
| 2 4 6 | 6 4 2 | 6 4 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 2020-10-01, 22:23 IST

Your last recorded submission was :

```

1 #include <iostream>
2
3 using namespace std;
4
5 void process(int *p) {
6
7     for (int i = 0; i<3; i++)
8         cin >> *(p + i);
9
10    for (int i = 2; i >= 0; i--)
11        cout << *(p + i) << " ";
12 }
13 int main() {
14     int *p;
15     int arr[10];
16     p = arr; // LINE-1
17 
```

Pointer (Contd.)
(Lecture 11)
(unit?
unit=27&lesson=31)

```
18     process(p);  
19  
20     // LINE-2  
21  
22     return 0;  
23 }
```

● Module 8 :
Default
Parameters and
Function
Overloading
(Lecture 12)
(unit?
unit=27&lesson=32)

● Module 8 :
Default
Parameters and
Function
Overloading
(Contd.) (Lecture
13) (unit?
unit=27&lesson=33)

● Module 8 :
Default
Parameters and
Function
Overloading
(Contd.) (Lecture
14) (unit?
unit=27&lesson=34)

● Module 9 :
Operator
Overloading
(Lecture 15)
(unit?
unit=27&lesson=35)

● Module 9 :
Operator
Overloading
(Contd.) (Lecture
16) (unit?
unit=27&lesson=36)

● Module 10 :
Dynamic Memory
Management
(Lecture 17)
(unit?
unit=27&lesson=37)

● Module 10 :
Dynamic Memory
Management
(Contd.) (Lecture
18) (unit?
unit=27&lesson=38)

☐ Lecture Materials
(unit?
unit=27&lesson=39)

☒ Quiz :
Assignment 2
(assessment?
name=125)

☒ W2_Programming-
Qs1
(/noc20_cs57/progassignment?
name=129)

☒ W2_Programming-
Qs2
(/noc20_cs57/progassignment?
name=130)

☒ W2_Programming-
Qs3
(/noc20_cs57/progassignment?
name=131)

☒ **W2_Programming-
Qs4**
(/noc20_cs57/progassignment?
name=132)

☐ Feedback For
Week 2 (unit?
unit=27&lesson=40)

Week 3

Week 4

Week 5

Week 6

Week 7

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