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**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**
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## Java Week 4: Q4

**Due on 2020-02-27, 23:59 IST**

Complete the code segment **to call the default method in the interface First and Second.**

### Course outline

How does an NPTEL online course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

☐ Lecture 16 :  
Demonstration-VII (unit?  
unit=5&lesson=30)

☐ Lecture 17 :  
Packages-I

### Private Test

cases used for InputExpected Output evaluation

Actual Output

Status

Test Case 1

Default method implementation of First interface.  
e.\n  
Default method implementation of Second interface.  
e.\n

Default method implementation of First interface.  
Default method implementation of Second interface.  
e.\n

Passed

Due Date Exceeded.  
1 out of 1 tests passed.  
You scored 100.0/100.

Your last recorded submission was :

```

1 interface First{
2     // default method
3     default void show(){
4         System.out.println("Default method implementation of First interface
5     }
6 }
7
8 interface Second{
9     // Default method
10    default void show(){

```

(unit?  
unit=5&lesson=31)

Lecture 18 :  
Packages-II  
(unit?  
unit=5&lesson=32)

Lecture 19 :  
Demonstration-  
VIII (unit?  
unit=5&lesson=33)

Lecture 20 :  
Interface-I  
(unit?  
unit=5&lesson=34)

Quiz :  
Assignment 4  
(assessment?  
name=96)

Java Week 4:  
Q1  
(/noc20\_cs08/progassign  
name=125)

Java Week 4:  
Q2  
(/noc20\_cs08/progassign  
name=126)

Java Week 4:  
Q3  
(/noc20\_cs08/progassign  
name=127)

Java Week 4:  
Q4  
(/noc20\_cs08/progassign  
name=129)

Java Week 4:  
Q5  
(/noc20\_cs08/progassign  
name=128)

Feedback For  
Week 4 (unit?  
unit=5&lesson=130)

Week 5 :

Week 6 :

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```

11         System.out.println("Default method implementation of Second interfac
12     }
13 }
14
15 // Implementation class code
16 class Question44 implements First, Second{
17     // Overriding default show method
18     public void show(){
19
20         // Call show() of First interface.
21         // Call show() of Second interface.
22         First.super.show();
23         Second.super.show();
24     }
25
26
27     public static void main(String args[]){
28         Question44 q = new Question44();
29         q.show();
30     }
31 }
32

```

Sample solutions (Provided by instructor)

Select the Language . Java ▼

```

1 interface First{
2     // default method
3     default void show(){
4         System.out.println("Default method implementation of First interface
5     }
6 }
7
8 interface Second{
9     // Default method
10    default void show(){
11        System.out.println("Default method implementation of Second interfac
12    }
13 }
14
15 // Implementation class code
16 class Question44 implements First, Second{
17     // Overriding default show method
18     public void show(){
19
20         // Call show() of First interface.
21         First.super.show();
22         // Call show() of Second interface.
23         Second.super.show();
24     }
25
26
27     public static void main(String args[]){
28         Question44 q = new Question44();
29         q.show();
30     }
31 }
32

```

**Assignment  
Solution**