

Java Week 4: Q4

Due on 2020-10-15, 23:59 IST

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

Private Test cases used for evaluation

InputExpected Output

Actual Output

Status

Test Case 1

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

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

Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-10-09, 00:28 IST

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(){
11        System.out.println("Default method implementation of Second interface.");
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     public static void main(String args[]){
27         Question44 q = new Question44();
28         q.show();
29     }
30 }
31
```

Sample solutions (Provided by instructor)

```
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 interface.");
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     public static void main(String args[]){
27         Question44 q = new Question44();
28         q.show();
29     }
30 }
31
32
```

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

- Lecture 16 : Demonstration-VII
- Lecture 17 : Packages-I
- Lecture 18 : Packages-II
- Lecture 19 : Demonstration-VIII
- Lecture 20 : Interface-I
- Quiz: Assignment 4
- Java Week 4: Q1
- Java Week 4: Q2
- Java Week 4: Q3
- Java Week 4: Q4
- Java Week 4: Q5
- Feedback For Week 4

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

Programming Test - (April 11 - 8PM - 10 PM)