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