

Week 04 : Programming Assignment 4

Due on 2025-02-20, 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	<div>Default method implementation of First interface.\nDefault method implementation of Second interface.</div>	<div>Default method implementation of First interface.\nDefault method implementation of Second interface.\n</div>	Passed

The due date for submitting this assignment has passed.
1 out of 1 tests passed.
You scored 100.0/100.

Assignment submitted on 2025-02-20, 19:59 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 Main implements First, Second{
17     // Overriding default show method
18     public void show(){
19         // Call show() of First interface.
20
21         // Call show() of Second interface.
22
23         First.super.show();
24
25         Second.super.show();
26
27
28         //calling done for first and 2nd
29     }
30
31     public static void main(String args[]){
32         Main q = new Main();
33         q.show();
34     }
35 }
```

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(){
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15 // Implementation class code
16 class Main implements First, Second{
17     // Overriding default show method
18     public void show(){
19         // Call show() of First interface.
20         First.super.show();
21         // Call show() of Second interface.
22         Second.super.show();
23     }
24
25     public static void main(String args[]){
26         Main q = new Main();
27         q.show();
28     }
29 }
```