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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**
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Java Week 4: Q3

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

The program in this assignment is attempted to print the following output:

-----OUTPUT-----

```
This is large
This is medium
This is small
This is extra-large
```

However, the code is intentionally implemented with some bugs in it. Debug the code **to execute the program successfully**.

Private Test cases used
for evaluation

Input	Expected Output	Actual Output	Status
Test Case 1	<pre>This is large e\n This is medium\n This is small\n This is extra-large\n</pre>	<pre>This is large \n This is medium\n This is small\n This is extra-large\n</pre>	Pas sed

Test Case 1

This is large
e\n
This is medium\n
This is small\n
This is extra-large\n

This is large
\n
This is medium\n
This is small\n
This is extra-large\n

Pas
sed

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

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

(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 :

**DOWNLOAD
VIDEOS**

Your last recorded submission was :

```

1 interface ExtraLarge{
2     static String extra = "This is extra-large";
3     void display();
4 }
5
6 class Large {
7     public void Print() {
8         System.out.println("This is large");
9     }
10 }
11
12 class Medium extends Large {
13     public void Print() {
14         super.Print();
15         System.out.println("This is medium");
16     }
17 }
18 class Small extends Medium {
19     public void Print() {
20         super.Print();
21         System.out.println("This is small");
22     }
23 }
24
25 class Question43{
26     public static void main(String[] args) {
27         Small s = new Small();
28         s.Print();
29         Question43 q = new Question43();
30         q.display();
31     }
32     public void display(){
33         System.out.println("This is extra-large");
34     }
35 }

```

Sample solutions (Provided by instructor)

Select the Language . Java ▼

```

1 interface ExtraLarge{
2     static String extra = "This is extra-large";
3     void display();
4 }
5
6 class Large {
7     public void Print() {
8         System.out.println("This is large");
9     }
10 }
11
12 class Medium extends Large {
13     public void Print() {
14         super.Print();
15         System.out.println("This is medium");
16     }
17 }
18 class Small extends Medium {
19     public void Print() {
20         super.Print();
21         System.out.println("This is small");
22     }
23 }
24
25 class Question43 implements ExtraLarge{
26     public static void main(String[] args) {
27         Small s = new Small();
28         s.Print();
29         Question43 q = new Question43();
30         q.display();
31     }
32     public void display(){
33         System.out.println(extra);
34     }
35 }

```

**Assignment
Solution**

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