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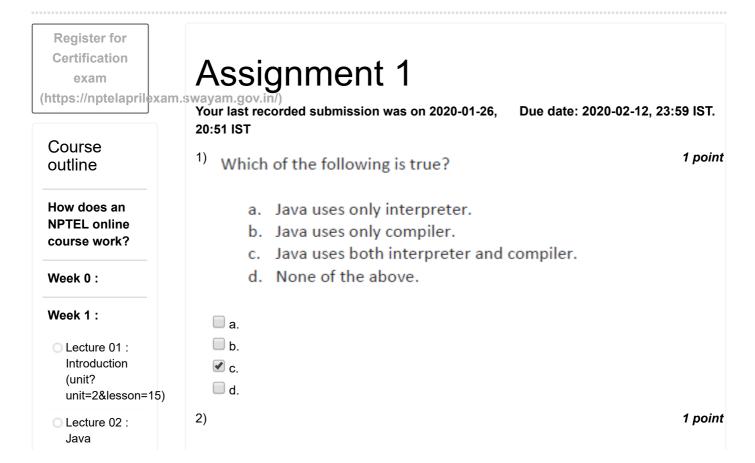
NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in Java (course)

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Unit 3 - Week 1:



Programming Steps (unit? unit=2&lesson=16)	A Java file with extension '.class' contains a. Java source code
C Lecture 03 :	b. HTML tags
Java Tools and	c. Java Byte code
Resources (unit? unit=2&lesson=17)	d. A program file written in Java programming language
Lecture 04 : Demonstration- I (unit? unit=2&lesson=18)	□ a.□ b.☑ c.□ d.
Clecture 05 : Java Applet Programming	3) 1 point
(unit? unit=2&lesson=19)	Which of the following features are not common in both Java and C++?
• Quiz :	a. The class declaration. b. The access modifiers.
Assignment	c. The encapsulation of data and methods.
1 (assessment? name=93)	d. Multiple inheritancefrom class
Java Week 1:Q1 (/noc20_cs08/progassi name=101)	= 0.
◯ Java Week 1:Q2	✓ d.4)
(/noc20_cs08/progassi name=102)	What is the value returned by the method f () defined below?
Java Week 1:Q3	public static int f(intx, int y) {return (x>y) ? y : x;}
(/noc20_cs08/progassi name=103)	 a. The sum of x and y that is, x + y. b. The difference of x and y that is, x - y.
	c. The maximum of x and y that is, the larger value of x and y.
Java Week 1:Q4 (/noc20_cs08/progassi	d. The minimum of x and y that is, the smaller value of x and y. gnment?
name=105)	□ a.
Java Week 1:Q5 (/noc20_cs08/progassi name=106)	□ b. □ c. gnme☑?d.
Feedback For Week 1 (unit?	5) 1 point

unit=2&lesson=112)

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Assignment Solution

A platform is the hardware or software environment in which a program runs. Which of the following is/are Java platform component(s)?

- a. HTML
- b. Java Virtual Machine
- c. Java Application Programming Interface (API)
- d. HotJava
- a.
- **⋖** b.
- □ c.
- □ d.

1 point 6)

Consider the following program.

```
public class Question1{
     public static void main(String args[]) {
           for(int a=1;a<3;a+=3){</pre>
                 System.out.print(--a);
      }
}
```

What will be the output of the program if it is executed?

- b. 01
- c. 012
- d. 0123
- **✓** a.
- b.
- □ c.
- □ d.

7) 1 point Following is a piece of code where some parts of a statement is missing:

```
public class Question3{
    public static void main(String args[]) {
        charnptel[]={'N','P','T','E','L'};
        System.out.print(_____);
    }
}
```

In the following, some options are given. You have to choose the correct option for the argument in System.out.print() function to print the first and the last characters in the array nptel.

```
a. nptel[nptel.length-1] + nptel[0]
b. nptel[0] + nptel[nptel.length-1]
c. "" + nptel[0] + nptel[nptel.length-1]
d. "" + nptel[nptel.length-1] + nptel[0]
a.
b.
c.
d
```

1 point

Which of the following cannot be used for a variable name in Java?

- a. identifier
- b. final
- c. malloc
- d. calloc
- a.
- **✓** b
- c.
- b 🔲

9) 1 point

Which of the following statement(s) is/are correct?

- a. Except + (plus) operator all other operators are overloaded in java.
- b. The output of the Statement 1 is NPTELjava
- c. The output of the Statement 2 is 1020
- d. The output of the Statement 2 is
- □ a.
- **✓** b.
- □ c.
- **☑** d.

10) 1 point

Which of the following is an incorrect array declaration?

- a. int[] a = new int[20];
- b. int[] a;
- c. int[][] a = new int[20];
- d. int[][] $a = \{\{1, 2, 4\}, \{1, 2, 4\}\};$
- □ a.
- □ b.
- **✓** c.
- d.

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers