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

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Course
outline

How does an
NPTEL online
course work?
()

Week 0 : ()

Week 1 : ()

● Lecture 01 :
Introduction
(unit?
unit=18&lesson
=19)

Week 1:Assignment 1

The due date for submitting this assignment has passed.

Due on 2023-08-09, 23:59 IST.

Assignment submitted on 2023-08-06, 23:33 IST

1)

1 point

Which of the following is NOT a primitive data type in Java??

- a. int
- b. boolean
- c. String
- d. char

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
c.

2)

1 point



● Lecture 02 :
Java
Programming
Steps (unit?
unit=18&lesson
=20)

● Lecture 03 :
Java Tools and
Resources
(unit?
unit=18&lesson
=21)

● Lecture 04 :
Demonstration-
I (unit?
unit=18&lesson
=22)

● Lecture 05 :
Java Applet
Programming
(unit?
unit=18&lesson
=23)

● Quiz: Week
1: Assignment
1
(assessment?
name=217)

● Week 1:
Programming
Assignment 1
(/noc23_cs74/p
rogassignment
?name=218)

● Week 1 :
Programming
Assignment 2
(/noc23_cs74/p
rogassignment
?name=219)

● Week 1 :
Programming
Assignment 3
(/noc23_cs74/p
rogassignment
?name=220)

Consider the following program.

```
public class Question{
    public static void main(String[] args){
        byte x = 127;
        x++;
        ++x;
        System.out.print(x);
    }
}
```

What is the output of the above code?

- a. 127
- b. -127
- c. 129
- d. 2

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

3)

1 point

Which of the following concept that Java doesn't support?

- a. inheritance
- b. encapsulation
- c. pointer
- d. array

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

● Week 1 :
Programming
Assignment 4
(/noc23_cs74/p
rogassignment
?name=221)

● Week 1 :
Programming
Assignment 5
(/noc23_cs74/p
rogassignment
?name=222)

● Week 1
Feedback Form
(unit?
unit=18&lesson
=24)

● Assignment 1
Solution (unit?
unit=18&lesson
=25)

Week 2 : ()

Week 3 : ()

Week 4 : ()

Week 5 : ()

Week 6 : ()

Week 7 : ()

Week 8 : ()

Week 9 : ()

Week 10 : ()

Week 11 : ()

Week 12 : ()

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4) **Which of the following is not a keyword in java?**

1 point

- a. import
- b. super
- c. method
- d. class

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.
Score: 1

Accepted Answers:
c.

5)

1 point

Consider the following program.

```
public class Question{
    public static void main(String[] args){
        int[] x = {12, 20, 015};
        for(int i = 0; i < x.length; i++){
            System.out.print(x[i] + " ");
        }
    }
}
```

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

- a. 12 20 13
- b. 12 20 15
- c. 12 20 015
- d. 12 20 F

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

6)

1 point



Books ()

Text
Transcripts ()

Match the following java terms with their descriptions?

A. JDK	1. A software development kit that provides all the necessary tools and libraries to develop, compile, and run Java applications.
B. JRE	2. A software package that provides the necessary runtime environment for executing Java applications.
C. JVM	3. An abstract machine that executes java bytecode.

Choose the correct option.

- a. A-1 , B-2, C-3
- b. A-2 , B-3, C-1
- c. A-3, B-2 ,C-1
- d. A-3, B-1,C-2

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

7)

1 point

Consider the following program.

```
public class Question{
    public static void main(String[] args){
        short x = 20;
        x = x * 2;
        System.out.print(x);
    }
}
```

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

- a. 20
- b. 2
- c. Compiler error
- d. 40

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

8)

1 point

What is the output of the following code ?

```
public class Question{  
    public static void main(String[] args){  
        boolean x = true;  
        boolean y = false;  
        boolean z=(x==y);  
        System.out.println(z);  
    }  
}
```

- a. null
- b. true
- c. false
- d. 1

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

9)

1 point

Which program is used to compile Java source code into bytecode?

- a. javap
- b. javac
- c. java
- d. javad

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

10)

1 point

Consider the following program.

```
public class Question{  
    public static void main(String[] args){  
        int x = 5;  
        x *= (2 + 8);  
        System.out.println(x);  
    }  
}
```

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

- a. 50
- b. 10
- c. Compiler error
- d. 5

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.