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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**

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.

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*

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.