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infocp27@gmail.com ▾

[NPTEL \(https://swayam.gov.in/explorer?ncCode=NPTEL\)](https://swayam.gov.in/explorer?ncCode=NPTEL) » [Programming in Java \(course\)](#)
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Unit 6 - Week 4 :

Register for
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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)

Assignment 4

Your last recorded submission was on 2020-02-24, 07:42 IST

Due date: 2020-02-26, 23:59 IST.

1)

1 point

Which of the following is/are NOT correct regarding packages in Java?

- a. Java supports both pre-defined and user-defined packages.
- b. Packages are used to organize a set of related classes and interfaces.
- c. Pre-defined packages help to develop programs easily by providing thousands of classes.
- d. Packages are used to organize only a set of related classes and not interfaces.

☐ a.

☐ b.

☐ c.

☒ d.

2)

1 point

Which of the following access specifier(s) should you choose if you need access restricted to only subclass in the same package or different package?

- a. default
- b. public
- c. protected
- d. private

☐ a.

☒ b.

☐ c.

☐ d.

3)

1 point

● Java Week 4: Q1
(/noc20_cs08/progassignment?name=125)

● Java Week 4: Q2
(/noc20_cs08/progassignment?name=126)

● Java Week 4: Q3
(/noc20_cs08/progassignment?name=127)

● Java Week 4: Q4
(/noc20_cs08/progassignment?name=129)

● Java Week 4: Q5
(/noc20_cs08/progassignment?name=128)

○ Feedback For
Week 4 (unit?
unit=5&lesson=130)

Week 5 :

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VIDEOS**

**Assignment
Solution**

What is the significance of the '*' in the following line, where "package" denotes a name of a package?

```
import package.*;
```

Select the correct statement in the following.

- a. Only the classes of this package will be imported.
- b. Only the interfaces of this package will be imported.
- c. All the classes and interfaces of this package will be imported.
- d. All the classes, interfaces and sub-packages of this package will be imported.

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

4)

1 point

Which of the following statement(s) is (are) CORRECT regarding an interface in Java?

- a. An interface can contain only abstract methods and standard methods but no static methods are allowed.
- b. Method bodies in an interface doesn't exist for default methods and abstract methods.
- c. An interfaces cannot be instantiated but can be implemented by classes.
- d. An interfaces cannot be instantiated but can be extended by other interfaces.

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

5)

1 point

How Java Runtime Environment (JRE) knows where to look for a package that you create?

- a. It searches in the current directory.
- b. It searches in the location set in the CLASSPATH environment variable.
- c. A user can set the path during runtime using the -classpath option.
- d. Using the -path option, a user can set the path.

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

6)

1 point

Which of the following is the correct way of importing an entire package 'pkg'?

- a. import pkg;
- b. import pkg.;
- c. import pkg.*;
- d. Import pkg.*;

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

7)

1 point

Which of the following package(s) stores all the standard java classes?

- a. lang
- b. java
- c. util
- d. java.packages

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

8)

1 point

Consider the program given below.

```
Package com.nptel.iitkgp.course;
package com.nptel.online.java;

public class Test{
public static void main(String[] args){
if(1){
System.out.println("NPTEL");
}
else{
System.out.println("Welcome");
}
}
}
```

What will be the output if the above program is executed?

- a. It will give compile-time error
- b. It will give run-time error
- c. It will produce output
NPTEL
- d. It will produce output
Welcome

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

9)

Which of the following statement(s) is/are NOT true?

1 point

- a. The default package in the Java language is java.lang.
- b. String is a final class and it is present in java.lang package.
- c. FileWriter is a class present in java.util package.
- d. Thread is a class present in java.lang package.

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

10)

1 point

Which of the following interfaces is/are NOT a member of `java.io` package?

- a. `DataInput`
- b. `ObjectInput`
- c. `Runnable`
- d. `FileFilter`

- ☐ 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