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

Announcements (announcements)

**About the Course** ([https://swayam.gov.in/nd1\\_noc20\\_cs08/preview](https://swayam.gov.in/nd1_noc20_cs08/preview)) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

## Unit 9 - Week 7 :

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### Course outline

How does an  
NPTEL online  
course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

## Assignment 7

Your last recorded submission was on 2020-03-15, 15:58 Due date: 2020-03-18, 23:59 IST.  
IST

1) 1 point  
Which of the following streams contains the classes which can work on character stream?

- a. InputStream
- b. OutputStream
- c. FileReader
- d. FileWriter

- ☐ a.
- ☐ b.
- ☒ c.
- ☒ d.

2) 1 point

**Week 7 :**

● Lecture 31 : I-O Stream-II  
(unit?unit=8&lesson=45)

○ Lecture 32 : I-O Stream-III  
(unit?unit=8&lesson=46)

○ Lecture 33 : Demonstration-XII (unit?unit=8&lesson=47)

● Lecture 34 : Applet Programming —I (unit?unit=8&lesson=48)

● Lecture 35 : Applet Programming —II (unit?unit=8&lesson=49)

● **Quiz : Assignment 7 (assessment?name=99)**

● Java Week 7 : Q1  
(/noc20\_cs08/progassignment?name=148)

● Java Week 7: Q2  
(/noc20\_cs08/progassignment?name=149)

● Java Week 7: Q3  
(/noc20\_cs08/progassignment?name=150)

● Java Week 7: Q4  
(/noc20\_cs08/progassignment?name=151)

● Java Week 7: Q5  
(/noc20\_cs08/progassignment?name=152)

Which of the following methods help in clearing the contents of the buffer:

- a. flush()
- b. clear()
- c. close()
- d. exit()

- ☒ a.  
☐ b.  
☐ c.  
☐ d.

3)

**1 point**

In which Java APIs the classes for handling all IO-streams are defined?

- a. java.lang
- b. java.util
- c. java.io
- d. java.awt

- ☐ a.  
☐ b.  
☒ c.  
☐ d.

4)

**1 point**

Which of the following statements is/ are NOT true?

- a. While you are creating an instance of File class, and if you do not use the file naming according to the convention of the local machine, the constructor will throw an exception of class `IOException`.
- b. A File object can be opened for both reading and writing simultaneously.
- c. When you create an object of Fileclass for writing, if the corresponding file does not exist on the local file system, then it will be created.
- d. Closing operation of a File object never faces any run-time error and hence need not to be placed under try-catch block.

- ☐ a.  
☒ b.  
☐ c.  
☐ d.

5)

**1 point**

Feedback For  
Week 7 (unit?  
unit=8&lesson=155)

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## Assignment Solution

Should FileReader be used to read a Java bytecode (e.g, a .class) file? Which of the following is an appropriate answer?

- a. No, bytecode files can only be executed, never read.
- b. No, the bytes in bytecode files are not intended to be interpreted as characters.
- c. Yes, any file can be read with FileReader under byte-stream class.
- d. Maybe, as long as the bytecodes were created on the same computer as the program using FileReader.

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

6)

1 point

Which of the following statement is NOT true for RandomAccessFile object?

- a. It can allow to open a file both in read and write mode.
- b. It can allow to store the data fields of any object and then reading the same.
- c. The seek(0) method of the object place the file pointer at the beginning of the file.
- d. It cannot be used to read a network line.

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

7)

1 point

Which of the following methods is/are must and to be override?

- a. init()
- b. start()
- c. stop()
- d. paint()

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

8)

1 point

Which of the following interface is NOT a member of java.io package?

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

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

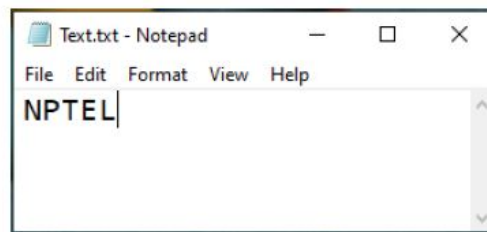
9)

1 point

```
import java.io.*;

public class Question7{
    public static void main(String[]args){
        try{
            InputStream file =new FileInputStream("./Text.txt");
            System.out.print(file.available());
        }
        catch(Exception e){
            System.out.print(e);
        }
    }
}
```

The file `./Text.txt` when opened with the Notepad text editor, it shows the content as shown below.



Which of the following is the correct output for the 'try' portion of the code?

- a. Prints the number of bytes in the file.
- b. Prints the number of characters in the file.
- c. Prints 'true', if the file is present; else prints 'false'.
- d. Prints nothing, as an exception will be caught.

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

10)

1 point

Which of the following methods help in clearing the contents of the buffer:

- a. flush()
- b. clear()
- c. close()
- d. exit()

- ☒ 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**