

Quiz9 - Results



Attempt 1 of 1

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Attempt Score 6 / 10 - 60 %

Overall Grade (Highest Attempt) 6 / 10 - 60 %

Question 1

0 / 1 point

Which of the following statements is correct?

- ☐ new File(pathname), creates a file in your file system.
-  ☒ new File(pathname), creates a new File instance by converting the given pathname string into an abstract pathname.
-  ☐ canRead() is a static method that tests whether the application can read the file denoted by this abstract pathname.
- ☐ canWrite() is a static method that tests whether the application can modify the file denoted by this abstract pathname

Question 2

0 / 2 points

Analyze the following fragment, assuming that out.txt is a text file in the same folder that program is running.

```
import java.util.Scanner;
import java.io.File;
public class ReadFromFile{
    public static void main(String[] args){
        File file = new File("out.txt");
        if (!file.canRead()){
            System.out.println("Error: Read permission is denied!");
            return;
        }
        Scanner input = new Scanner(file);
        while(input.hasNext()){
            String line = input.nextLine();
            System.out.println(line);
        }
        input.close();
    }
}
```

- ➡ ☒ There is a syntax error.
- ☐ The program works fine.
- ☐ There is logical error.
- ✗ ☐ There is an exception error.

Question 3

2 / 2 points

What is the output of running the following program?

```
public class Test{
    public static void main(String[] args) {
        String x = "java";
        int y = 15;
        update(x, y);
        System.out.println(x + y);
    }

    public static void update(String word, int ver){
        word = Character.toUpperCase(word.charAt(0)) + word.substring(1);
        ver += 1;
    }
}
```

- ✓ ☒ java15
- ☐ Java16

- ☐ Java15
- ☐ There is a syntax error.

Question 4**1 / 1 point**

A mutable object is the one that can modified, but immutable objects cannot be changed.

- ✓ ☒ True
- ☐ False

Question 5**1 / 1 point**

Which of the following statements is NOT correct?

- ☐ An object of String class is a reference variable but it is immutable.
- ☐ Immutable objects behave like primitive types as parameters of a method.
- ✓ ☒ Using reference variables as for parameters of a method always makes changes inside the method visible to the caller method.
- ☐ The objects in Java are reference variables.

Question 6**0 / 1 point**

The StringBuilder is a class similar String class but it is immutable unlike the String class.

- ✗ ☐ True
- ➡ ☒ False

Question 7**1 / 1 point**

Which of the following headers is correct for writing a method that given a file name, it displays the content of the file on the console?

- ✓ ☒ `public static void displayFile(String filename) throws Exception{`
- ☐ `public static void displayFile(String filename) throw Exception{`
- ☐ `public static String displayFile(File filename) throws Exception{`
- ☐ `public static void displayFile(File filename) throw Exception{`

Question 8**1 / 1 point**

Which of the following statements is NOT correct?

- ☐ println() and print() are instance methods of PrintWriter class.
- ✓ ☒ new PrintWriter(myFile, true) will create a file to be appended.
- ☐ new PrintWriter(myFile), will truncate the file to zero size If it already exists; otherwise, a new file will be created
- ☐ new PrintWriter(myFile) throws an exception if myFile doesn't exist.

Done