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NEW QUESTION: 1

Given the code fragment:

```
int a = 3;  
a = ++a + a++;  
a = --a - a--;  
System.out.println (a);
```

What is the output?

- A. 0
- B. 3
- C. A compilation error occurs.
- D. 8

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 2

Identify two valid data types for the operands of the addition (+) operator?

- A. numeric
- B. string
- C. array
- D. boolean

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 3

Identify two class variables.

- A. private static int numberOfSquares = 20;
- B. private Measure cm;
- C. public static int counter = 0;
- D. int scale = 35;

E. public int size = 10;

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

What is the meaning of "write once, run anywhere" in Java?

- A. It is a marketing statement because Java programs must be compiled for a specific platform in order to run.
- B. Java programs are designed to run only in web browsers and, thus, can run wherever there is a browser.
- C. Java programs, after being compiled, can run on any platform or device even without a Java Virtual Machine.
- D. Java programs can run on any Java Virtual Machine without being recompiled.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 5

Given the classes:

```
Apple.java:

package fruits;
class Apple {
    public void getApple ()
}

Salad.java:

package food;
// line n1
class Salad {
    Apple apple = new Apple (); // line n2
    public void prepareSalad {
        apple.getApple () ;
    }
}
```

Which two modifications, independently, enable the Salad.java file to compile?

- A. Replace line n2 with fruits.Apple apple = new Apple ();
- B. Replace line n1 with import fruits.Apple;
- C. Replace line n1 with import fruits;
- D. Replace line n1 with import fruits.Apple.getApp();
- E. Replace line n2 with fruits.Apple apple = new fruits.Apple ();

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 6

Given the code fragment:

```

boolean checkOut = true;
int days = 0;
while (checkOut) {
    days++;
    if (days > 3) {
        checkOut = false;
    }
}
System.out.print(days);

```

What is the result?

- A. 3
- B. 2
- C. 4
- D. The program executes an infinite number of times.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

Given the code fragment:

```

int num[] = new int[3];
num[1] = 10;
num[2] = 15;
List<Integer> lst = new ArrayList<> (3);
lst.add(10);
lst.add(15);
System.out.println (num);
System.out.println (lst);

```

What is the result?

- A. 10, 15
[10, 15]
- B. 0, 10, 15
[10, 15, null]
- C. a memory address in hexadecimal number format
[10, 15]
- D. a memory address1 in hexadecimal number format
a memory address2 in hexadecimal number format

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Identify three features of the Java programming language.

- A. strongly typed
- B. direct memory management

- C. multithreaded
- D. distributed
- E. dynamically typed

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 9

Which statement is true about a Java method?

- A. It must accept a parameter and return a value.
- B. It cannot be defined within another method.
- C. It must be declared with an access modifier.
- D. It cannot be defined as static final.

Answer: B [\(LEAVE A REPLY\)](#)

NEW QUESTION: 10

Given the code fragment:

```
String s = "Hello Java";  
System.out.println (s.length());  
s.concat ("SE 8");  
System.out.println (s.length ());
```

What is the result?

- A. 9
12
- B. 10
10
- C. 9
9
- D. 10
14

Answer: B [\(LEAVE A REPLY\)](#)

NEW QUESTION: 11

Given the code fragment:

```
String[] codes = {"CA", "JP", "US", "CA", "UK"};
int count = 0;
for (String c : codes) {
    if (c.equals("CA")) {
        continue;
    } else {
        count++;
    }
}
System.out.println(count);
```

What is the result?

- A. A compilation error occurs.
- B. 3
- C. 0
- D. 2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

Given:

```
public class App {
    public static void main (String[] args) {
        System.out.println ("Hello Java!");
    }
}
```

Which statement is true about the main method?

- A. It cannot be defined in a non-public class.
- B. Its parameter can be of type Integer [].
- C. It cannot be invoked by its name.
- D. It can be a non-static method.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Given the code:

```

public class Calc {
    // line n1
    return a + b;
}
public static void main(String[] args) {
    Calc obj = new Calc();
    int c = obj.sum(10, 20);
    System.out.println("sum is " + c);
}
}

```

Which code fragment, when inserted at line n1, enables the code to print sum is 30?

- A. `int sum(int, int) {`
- B. `int sum(int[] a, b) {`
- C. `int sum(int a, b) {`
- D. `int sum(int a, int b) {`

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 14

Given the code fragment:

```

String s1 = "foo-bar";
String s2 = new String ("foo-bar");
System.out.print (s1.equals(s2) + " ");
System.out.print (s1 == s2);
System.out.print (" " + s1.compareTo (s2));

```

What is the result?

- A. true true 0
- B. true false 0
- C. false true -1
- D. false false -1

Answer: [B \(LEAVE A REPLY\)](#)

NEW QUESTION: 15

Given these class definitions:

```

class MyClassA { }

public class MyClassB { }

class MyClassC extends Object { }

class MyClassD {
    public static void main (String [] args) {
    }
}

```

Which class or classes compile?

- A. MyClassA, MyClassB, MyClassC, and MyClassD
- B. only MyClassB and MyClassD
- C. only MyClassB, MyClassC, and MyClassD
- D. only MyClassB

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 16

Given the code fragment:

```

List<String> names = new ArrayList<> ();
names.add("Julia");
names.add("Peter");
for (Iterator<String> itr = names.iterator (); itr.hasNext();)
    System.out.println(itr.next());

```

What is the result?

- A. A runtime exception is thrown.
- B. Peter
Julia
- C. A compilation error occurs.
- D. Julia
Peter

Answer: D ([LEAVE A REPLY](#))

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NEW QUESTION: 17

Given the code fragment:

```
int[] arr = {1, 2, 3, 4, 5};
```

Which for loop statement can be used to print 135?

- A.

```
for(int idx = 1; idx < arr.length; idx+=2) {  
System.out.print (arr[idx]);  
}
```
- B.

```
for(int idx = 0; idx < arr.length; idx++) {  
System.out.print (arr[idx]);  
}
```
- C.

```
for(int idx = 0; idx < arr.length; idx+=2) {  
System.out.print (arr[idx]);  
}
```
- D.

```
for(int idx = 1; idx < arr.length-1; idx++) {  
System.out.print (arr[idx++]);  
}
```

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 18

Which package would you import to use the Random class?

- A. java.io
- B. java.math
- C. java.util
- D. java.lang

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 19

Given:

```
1. class Test {  
2.     /* comment text 1 */  
3.     // comment text 2 //  
4.     // comment text 3  
5.     and comment text 4 //  
6.     comment text 5  
7.     and comment text 6 */  
8. }
```

At which line does a compilation error occur?

- A. line 7
- B. line 2
- C. line 3
- D. line 5

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 20

Given the contents of Student.java:

```
class Course {  
    String courseName;  
}  
public class Student {  
    String stuName;  
    public static void main(String[] args) {  
        Student s = new Student();  
        s.stuName = args[0];  
        Course c = new Course();  
        c.courseName = args[1];  
        System.out.println(s.stuName + " is studying " + c.courseName);  
    }  
}
```

Which statement is true?

A. The commands:

javac Student.java

java Student Richard William Java

are used to print Richard William is studying Java.

B. The commands:

javac Course.java

javac Student.java

java Course

java Student "Richard William" Java

are used to print Richard William is studying Java.

C. The commands:

javac Student.java

java Student "Richard William" Java

are used to print Richard William is studying Java.

D. The commands:

javac Student.java

java Student Richard William Java

throw an error about a missing Course.class file.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 21

Given:

```

public class TestFinal {
    final int l = 5;
    static void modify (TestFinal test) {
        test.l = 99;
    }
    public static void main (String [] args) {
        final TestFinal tf = new TestFinal ()
        modify (tf);
        System.out.println (tf.l);
    }
}

```

What is the result?

- A. 99
- B. A compilation error occurs in the main method.
- C. A compilation error occurs in the modify method.
- D. 5

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 22

Given the code fragment:

```

int value = 10;
int a = ++value;
int b = value;
int c = value++;
if (a <= b && a <= c) {
    if (b <= c) {
        a = ++b;
    } else {
        a = ++c;
    }
}
System.out.println(a);

```

What is the result?

- A. 13
- B. 11
- C. 12
- D. 10

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 23

Given the code fragment:

```
List<String> fls = new ArrayList<>();
fls.add("jasmine");
fls.add("rose");
fls.add("lotus");
fls.remove(2);
fls.set(2, "lily");
System.out.println(fls);
```

What is the result?

- A. [jasmine, lily, lotus]
- B. [jasmine, rose, lily]
- C. [jasmine, rose, lotus, lily]
- D. A runtime exception is thrown.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 24

Given the code

```
int num = 100;
int count = 0;
do {
    num--;
    count++;
} while (count > 1);
System.out.println ("num = " + num);
```

What is the result?

- A. The program executes indefinitely.
- B. num = 100
- C. num = 99
- D. num = 0

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 25

Given:

```

class Messenger {
    String msg;
    Messenger(String msg) {this.msg = msg;
    public void writeMsg() {
        System.out.println(msg);
    }
    public void readMsg () {
        // line n1
    }
}

```

And the code fragment:

```

Messenger m = new Messenger ("All the best");
m.readMsg();

```

Which code fragment can be inserted at line n1 to enable the code to print All the best?

- A. m.writeMsg();
- B. Messenger.writeMsg();
- C. void writeMsg();
- D. writeMsg();

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 26

Which method identifier is correct according to Java naming conventions?

- A. calculatebill
- B. calculateBill
- C. Calculator
- D. BillCalculator

Answer: ([SHOW ANSWER](#)**)**

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