Congratulations! You passed!

TO PASS 75% or higher

Keep Learning

grade 100%

Java Proficiency Quiz 3

TOTAL POINTS 4

1. What would be the output of this code?:

1 / 1 point

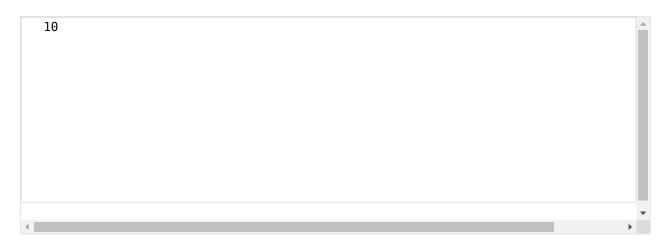
```
1 int age;
2 age = age + 7;
3 System.out.println( "My age is: " + age );
```

- This will not compile because you cannot add a string and integer value together.
- My age is : null
- This will not compile because age is not initialized with a value.
- My age is: 7
 - ✓ Correct

Correct!

2. How many times will "Hello" be printed out?:

1 / 1 point



```
5402✓ Correct
```

3.Look at the following code:

Correct!

1 / 1 point

```
1
     class Person {
 2
         public void talk() {
             System.out.println( "Hello" );
 3
         }
 4
 5
     }
 6
     class Baby extends Person {
7
8
         public void talk() {
9
             System.out.println( "Goo goo" );
         }
10
11
     }
12
     class Boy extends Person {
13
         public void hi() {
14
             System.out.println( "hi" );
15
16
         }
     }
17
18
     public class Test{
19
         public static void main( String args[] ) {
20
             Person p1 = new Person();
21
22
             p1.talk();
23
             Baby b1 = new Baby();
24
25
             b1.talk();
26
             Boy b2 = new Boy();
27
             b2.talk();
28
29
             b2.hi();
         }
30
     }
31
```

What would be the output of running the code above?

```
    Hello
    Hello
    hi
    Error, because the Boy class does not have the method talk.
    Hello
    Goo goo
    hi
    hi
    There will be no output since these are just class definitions.
```

4.Look at the following lines of code:

Correct!

1 / 1 point

```
interface MyInterface {
 1
 2
         public void method1();
 3
         public void method2();
     }
 4
 5
 6
     class MyClass implements MyInterface {
 7
         public void method1() {
8
             System.out.println( "method 1" );
9
         }
     }
10
11
     public class Test {
12
13
         public static void main( String args[] ) {
             MyClass c1 = new MyClass();
14
             c1.method1();
15
16
             c1.method2();
17
         }
     }
18
```

What would be the output of running the code above?

\bigcirc	method 1
	method 1
\bigcirc	There will be no output since these are just classes definitions.
•	Error because there is no method2 defined in MyClass. Because this class implements MyInterface, it must define all methods that are in the interface.
\bigcirc	method 1
	method 2
•	✓ Correct
	Correct!