✓ **Congratulations! You passed!**

Grade received 100%   To pass 75% or higher

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: 7

○ My age is : null

◉ This will not compile because age is not initialized with a value.

✓ **Correct**
Correct!

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

1 / 1 point

```
1    int i = 1;
2    while (i <= 3) {
3        System.out.println( "Hello" );
4        if ( i < 2 ) {
5            System.out.println( "Hello" );
6        }
7        i++;
8    }
9    ---------
```

○ 0

○ 2

◉ 4

○ 5

✓ **Correct**
Correct!

3. Look at the following code:

`1 / 1 point`

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

```
30          }
31      }
```

What would be the output of running the code above?

○ There will be no output since these are just class definitions.

○ Error, because the Boy class does not have the method talk.

○ Hello

Goo goo

hi

hi

◉ Hello

Goo goo

Hello

hi

✓ **Correct**
   Correct!

4. Look at the following lines of code:

1 / 1 point

```
1    interface MyInterface {
2        public void method1();
3        public void method2();
4    }
5
6    class MyClass implements MyInterface {
7        public void method1() {
```

```
1     interface MyInterface {
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
12    public class Test {
13        public static void main( String args[] ) {
14            MyClass c1 = new MyClass();
15            c1.method1();
16            c1.method2();
17        }
18    }
```

What would be the output of running the code above?

○ There will be no output since these are just classes definitions.

○ method 1

method 2

⦿ Error because there is no method2 defined in MyClass. Because this class implements MyInterface, it must
define all methods that are in the interface.

○ method 1

method 1

✓ **Correct**

Correct!