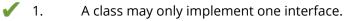


Name: Answer Sheet Date: 06/04/2016

Quiz name: Module 1 - Interfaces and Polymorphism Score: 100%

Is the following statement true or false?



A true

R falc

B false

C I don't know

2. Interface methods are automatically assigned what access modifier?

A public
B private

c protected

D default

(E) I don't know

```
// Greeting.java
       // ##########################
       public interface Greeting {
3.
       String getGreeting();
       }
       // ######################
       // Englsih.java
       // ######################
       public class English implements Greeting {
       public String getGreeting() {
       return "Hello!";
       }
       }
       // ########################
       // French.java
       // ##########################
       public class French implements Greeting {
       public String getGreeting() {
       return "Bonjour!";
```

```
}
// ########################
// Spanish.java
// ######################
public class Spanish implements Greeting {
public String getGreeting() {
return "Hola!";
}
// ########################
// GreetingDemo.java
// #########################
public class GreetingDemo {
public static void main(String[] args) {
Greeting[] greetings = new Greeting[] { new French(), new English(), new Spanish()};
for( Greeting g: greetings) {
System.out.print( g.getGreeting( ) + " " );
}
}
}
```

What is the output displayed by the main method of GreetingDemo when it is executed?

Bonjour! Hello! Hola!

```
this.length = length;
this.width = width;
}

public double getArea() {
return length * width;
}
}
```

Select the statement(s) below that are true. (Choose all that apply)



Shape.java will not compile successfully



Rectangle.java will not compile successfully



5.

Both files will compile successfully

I don't know

```
// Shape.java
public interface Shape {
public double getArea();
public double getPerimeter();
// Circle.java
import java.util.Math;
public class Circle implements Shape {
private double radius;
public Circle( double radius ) {
this.radius = radius;
}
public double getArea() {
return Math.PI * Math.pow( radius, 2 );
}
public double getPerimeter() {
return Math.PI * 2 * radius;
}
}
```

Select the statement(s) below that are true. (Choose all that apply)



Shape.java will not compile successfully



Circle.java will not compile successfully



Both files will compile successfully