**Q: Which of these definitions best explains the term ‘class’?**

A: A collection of variables and functions working with these variables.

B: Sets and gets the class’s own properties and methods.

C: Is the embodiment of a real life object

**Q: Which of these definitions best explains the term ‘object’?**

A: An object gives us the ability to work with the class, and to have several instances of the same class.

B: A variable within a class.

C: A function within a class.

**Q: Which of these definitions best explains the term ‘property’?**

A: Groups the code that is related to one topic.

B: A variable within a class.

C: A function within a class.

**Q: Which of these definitions best explains the term ‘method’?**

A: A function within a class.

B: A variable within a class.

C: The embodiment of a real action.

**Q: Write what you think should be the class name, the names of the properties for the first**

**and last name, and the name of the method that returns hello.**

class name: \_\_\_\_\_\_\_

class properties: (1) \_\_\_\_\_ , (2) \_\_\_\_\_

class method: \_\_\_\_\_\_\_

class name: User

class properties: $firstName, $lastName

class method: hello()

**Q**: **Write the class User, and add the properties. That’s how we start to write the class:**

class User {

// Your code here

}

class User {

public $firstName;

public $lastName;

}

**Q**: **Add the method that says hello to the class.**

**class User {**

**public $firstName;**

**public $lastName;**

**public function hello()**

**{**

**return "hello";**

**}**

**}**

**Q: Create the first instance, and call it $user1. Use the new keyword to create an object from the class.**

**class User {**

**public $firstName;**

**public $lastName;**

**public function hello()**

**{**

**return "hello";**

**}**

**}**

**$user1 = new User();**

**Q: Set the values for the first and last name to $user1.**

**$firstName = ‘John’**

**$lastName = ‘Doe’**

**class User {**

**public $firstName;**

**public $lastName;**

**public function hello()**

**{**

**return "hello";**

**}**

**}**

**$user1 = new User();**

**$user1->firstName = 'John';**

**$user1->lastName = 'Doe';**

**Q: Get the user first and last name, and print it to the screen with echo.**

**class User {**

**public $firstName;**

**public $lastName;**

**public function hello()**

**{**

**return "hello";**

**}**

**}**

**$user1 = new User();**

**$user1 -> firstName = 'John';**

**$user1 -> lastName = 'Doe';**

**echo $user1->firstName . " " . $user1->lastName;**

**Result: John Doe**

**Q: Use the hello method with the first and last name variables in order to say hello to**

**the user?**

**class User {**

**public $firstName;**

**public $lastName;**

**public function hello()**

**{**

**return "hello";**

**}**

**}**

**$user1 = new User();**

**$user1->firstName = 'John';**

**$user1->lastName = 'Doe';**

**$hello = $user1->hello();**

**echo $hello . ", " . $user1->firstName . " " . $user1->lastName;**

**Result: hello, John Doe**