socrative
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Quiz name: Java Week 6

Question with Most Correct Answers: #5

Question with Fewest Correct Answers: #10

Date: 10/20/2015

Total Questions: 12

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1. According to the course coding standards, which of the following are true?

8/21	A	No abbreviations are allowed in the names of classes, variables or methods.
12/21	B	All class names must start with an uppercase letter.
1/21	C	All method names must start with an uppercase letter.
8/21	D	All non-constant variable names must start with a lowercase letter.

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2. According to the course coding standards, which of the following are true?

14/21	A	All variables must be declared on their own line.
14/21	B	All local variables must be declared at the top of a method.
2/21	C	Local variables should not be initialized when they are declared.
15/21	D	Comments are required before all class statements and methods.

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3. According to the course coding standards, which of the following are true?

3/21	A	All local variables must be declared private.
15/21	B	All instance variables that need to be used outside of a class need accessor methods (getters and setters).
15/21	C	All method names should start with a verb.
10/21	D	Local variables should be initialized when they are declared.

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4. Which of the following are true?

9/21	A	Instance variables get a default value.
15/21	B	Local variables are declared in methods.
3/21	C	Local variables get a default value.
13/21	D	Local variables must be initialized before use.

Which of the following is the proper way to determine the size of a dogs array that has been define like this:

5. `Dog[] dogs = new Dog[10];`

15/21	A	dogs.length
0/21	B	dogs.size
0/21	C	dogs.getCount
0/21	D	dogs.setSize().length

6. Which of the following is the proper way to create an array of 3 Book objects?

14/21 (A)
```
Book[] books = new Book[3];
books[0] = new Book();
books[1] = new Book();
books[2] = new Book();
```

0/21 (B)
```
Book[] books = new Book(3);
books(0) = new Book();
books(1) = new Book();
books(2) = new Book();
```

1/21 (C)
```
Book[] books = new Book[3];
books[1]= new Book();
books[2] = new Book();
books[3] = new Book();
```

7. Which of the following are true of encapsulation?

1/21 (A)   Getters and setters are marked private.

14/21 (B)   Instance variables are marked private.

14/21 (C)   Getters and setters provide access to the instance variables.

15/21 (D)   Encapsulation provides a way to protect your data.

Which of the following will produce a result of 3?

8.

int x = 14;

int y = 4;

1/21 (A)   double z = x / y;

13/21 (B)   int z = x / y;

1/21 (C)   double z = (double) x / y;

0/21 (D)   double z = (double) (x / y);

Which of the following will produce a result of 3.5?

9.

```
int x = 14;
int y = 4;
```

13/21	A	double z = (double) x / y;
0/21	B	int z = x / y;
1/21	C	double z = x / y;

Given the following, write the getter for the instance variable below.

10.

```
public class Contact {
private int age;
}
```

Anon 9e2aa

```
    public int getAge() {
return age;
}
```

Anon 99960

```
    public int getAge() {
return age;
}
```

Anon 52f1a

```
    public int getAge() {
return age;
}
```

Anon ed0f7

```
    public int getAge() {
return age;
}
```

Anon 2005e

```
    public int getAge(){
return age;
}
```

Anon 9d966

```
    public int getAge(){
return age;
}
```

Anon 86621

```
    public getIntAge() {
int age
}
```

Anon 4a62a

```
    public int getAge() {
return age;
}
```

Anon a24a1

```
    public int getAge() {
return age;
}
```

Anon eab91

```
    public int getAge() {
return age;
}
```

Anon 8a234

```
    public int getAge() {
return age;
}
```

Anon ccc38

```
    public int getAge(){
return this.age;
}
```

Anon 2ef82

```
    public int getAge() {
return this.age;
}
```

Anon 4ac31

```
    age
```

Given the following, write the setter for the instance variable below.

11.

```
public class Contact {
private int age;
}
```

Anon 93706

```
    public void setAge(int newAge) {age = newAge;}
```

Anon 9e2aa

```
    public void setAge (int newAge) {
age = newAge;
}
```

Anon 99960

```
    public void setAge(suppliedInt) { age = suppliedInt; }
```

Anon 52f1a

```
    public setAge(int myAge) {
age = myAge;
}
```

Anon ed0f7

```
    public void setAge(int newAge) {
age = newAge;
}
```

Anon 2005e

```
    public void setAge(int age2){
age = age2;
}
```

Anon 9d966

```
    public void setAge(int newAge){
age = newAge;
}
```

Anon 86621

```
    public void setAge(int x) {
int age = x;
}
```

Anon 4a62a

```
    public void setAge (int age) {
this.age = age;
}
```

Anon a24a1

```
    public void setAge(int age) {
age = this.age;
}
```

Anon eab91

```
    public void setAge(int personAge) {
age = personAge;
}
```

Anon 8a234

```
    public void setAge(int localAge) {
age = localAge;
}
```

Anon ccc38

```
    public void setAge(int age){
this.age = age;
}
```

Anon 2ef82

```
    public int setAge(int age) {
this.age = age;
}
```

Anon 4ac31

```
    public getAge(String pAge) age=pAge
```

Given the following, write the code to set color on the Flower object to "yellow".

12.

```
public class Flower {
private String color;


public void setColor(String newColor) {

color = newColor;


}
}
```

... assume this code is in a valid class and method...

```
Flower myFlower = new Flower();
```

// what code goes here to set myFlower's color to yellow?

Anon 93706

```
    myFlower.newColor = "yellow";
```

Anon 9e2aa

```
    myFlower.setColor("yellow");
```

Anon 99960

```
    myFlower.setColor("yellow");
```

Anon 52f1a

```
myFlower.setColor("yellow");
```

Anon ed0f7

```
myFlower.setColor("yellow");
```

Anon 2005e

```
myFlower.setColor(yellow);
```

Anon 9d966

```
myFlower.setColor("yellow");
```

Anon 86621

```
myflower.setColor("Yellow");
```

Anon 4a62a

```
myFlower.setColor ("yellow");
```

Anon a24a1

```
myFlower.setColor("orange");
```

Anon eab91

```
myFlower.setColor("yellow");
```

Anon 8a234

```
myFlower.setColor("yellow");
```

Anon ccc38

```
myFlower.setColor("yellow");
```

Anon 2ef82

```
setColor("BestColorOutOfAllAnswersSubmitted");
```

Anon 4ac31

```
public void setColor("yellow")
```