

Class 1 Homework

Write the commands needed for the following questions

1. If I have a Java file named `HelloWorld.java` , how would I compile it?
2. After I compiled the file mention in the previous question, how can I execute it?

Answer True or False

1. `2 == 2`
2. `1 > 1`
3. `2 >= 1`
4. `2 >= 2`
5. `2 >= 3`

What do the following print?

1. `System.out.println(2 + "bc");`
2. `System.out.println(2 + 3 + "bc");`
3. `System.out.println((2+3) + "bc");`
4. `System.out.println("bc" + (2+3));`
5. `System.out.println("bc" + 2 + 3);`

Write the following programs

Hello

Write a program that prints "Hello, my name is Marcos". Just make sure to use your name instead of mine.

Data Types

Write a program that uses each of the data types that we presented in class.

Operators

The program below is displaying the results for the result of a `>` operator. Do the same for the rest of the operators we covered in class.

The example below declared a variable and prints out the result in a human friendly way. You should do the same for the operators that you use. For example, when you add the `<` operator, declare a variable the holds the result and add a print statement detailing what was checked and what the result is.

```
public class Operators {  
    public static void main(String[] args) {  
        boolean is5GreaterThen5 = 5 > 5;  
  
        System.out.println("Is 5 greater than 5? " + is5GreaterThen5);  
    }  
}
```

User Input

In class we wrote a program that accepted a single argument and printed a string that used that argument. Write a program that accepts three arguments and prints a string that uses all of them. (Hint: Remember that user input is an Array)