

Answer on Question #58833, Programming & Computer Science, Java, JSP, JSF

Condition

Within the method main, call each dataOut method using an appropriate list of arguments chosen from four variables that are declared in main:

A char variable named letter, assigned the value 'a'

A String variable named name, assigned the value "Hello"

An int variable named number, assigned the value 5

A double variable named value, assigned the value 6.25

Be sure to include comments and display the results to the user.

Code

```
public class Task {
    public static void main(String[] args) {
        // Creates variables and assigns value for them
        char letterVar = 'a';
        String nameVar = "Hello";
        int numberVar = 5;
        double valueVar = 6.25;

        // Creates Task objects and calls different methods
        // with parameters of those variables
        new Task().dataOut(letterVar);
        new Task().dataOut(nameVar);
        new Task().dataOut(numberVar);
        new Task().dataOut(valueVar);
    }

    // Method outputs char value
    private void dataOut(char letter) {
        // Prints char value
        System.out.println("Char variable: " + letter);
    }

    // Method outputs String value
    private void dataOut(String name) {
        // Prints String value
        System.out.println("String variable: " + name);
    }

    // Method outputs int value
    private void dataOut(int number) {
        // Prints int value
        System.out.println("Integer variable: " + number);
    }

    // Method outputs double value
    private void dataOut(double value) {
        // Prints double value
        System.out.println("Double variable: " + value);
    }
}
```

Output

Char variable: a

String variable: Hello

Integer variable: 5

Double variable: 6.25