3. Your goal is to create a program similar to JavaLibs. Write a story where certain parts of the resulting story text are modified by the user's input. Prompt the user for various inputs. You may accept user any number of ways, including a JOptionPane, or Scanner input from the console. However, choose only one method. Don't use multiple methods of accepting input. Similarly, if you use JOptionPane to get input, use JOptionPane to show the resulting story. When you output your story, make sure your all your text is visible at the same time. It's not ok for text to be too long for your computer screen or output window. Your story will need to be spread across several lines instead of being printed in one giant line of output. This helps keep your output clean and your program more user friendly. It's ok for your program to crash if the user inputs inappropriate data. In other words, It's ok if your program crashes because you've expected the user to input a number, when they've instead input a String. We'll cover exception handling later in the course. Your program must also do the following: • Accept at least 1 input, to be parsed as a String • Accept at least 1 input, to be parsed as an int • Accept at least 1 input, to be parsed as a double • Use at least 1 input in a question for the user • Do math with at least 1 int input • Do math with at least 1 double input • Accept at least 10 total inputs It's ok for this problem set to write your entire program within the main method. The JavaLibsPractice.java file is available to help you get started.

```
import java.util.Scanner;

public class MadLibs {

   public static void main(String[] args) {

      Scanner scanner = new Scanner(System.in);

    System.out.print("Enter a name: ");

      String name = scanner.nextLine();

      System.out.print("Enter an age: ");

      int age = scanner.nextInt();

      scanner.nextLine();

      System.out.print("Enter a city: ");

      String city = scanner.nextLine();

      System.out.print("Enter an animal: ");

      String animal = scanner.nextLine();

      System.out.print("Enter a verb (present tense): ");

      String verb = scanner.nextLine();

      System.out.print("Enter a number: ");

      int number = scanner.nextInt();

      System.out.print("Enter a temperature: ");

      double temperature = scanner.nextDouble();

      scanner.nextLine();
```

```
        System.out.print("Enter an adjective: ");
        String adjective = scanner.nextLine();
        System.out.print("Enter a type of food: ");
        String food = scanner.nextLine();
        System.out.print("Enter a color: ");
        String color = scanner.nextLine();
        int nextAge = age + 1;
        double halfTemperature = temperature / 2.0;
        System.out.println("\nStory:");
        System.out.println("Once upon a time, there was a person named " + name + ".");
        System.out.println(name + " lived in " + city + " and was " + age + " years old.");
        System.out.println("One day, " + name + " found a " + animal + " in the backyard.");
        System.out.println("It was " + color + " and " + adjective + ", and it liked to " + verb + " all day long.");
        System.out.println("In one year, " + name + " would be " + nextAge + " years old.");
        System.out.println("The temperature outside was " + temperature + " degrees Celsius, which felt like " + halfTemperature + " degrees Fahrenheit.");
        System.out.println("While walking in the park, " + name + " decided to have " + number + " " + food + "s for lunch.");
        System.out.println("And they lived happily ever after.");
        scanner.close();
    }
}
```