

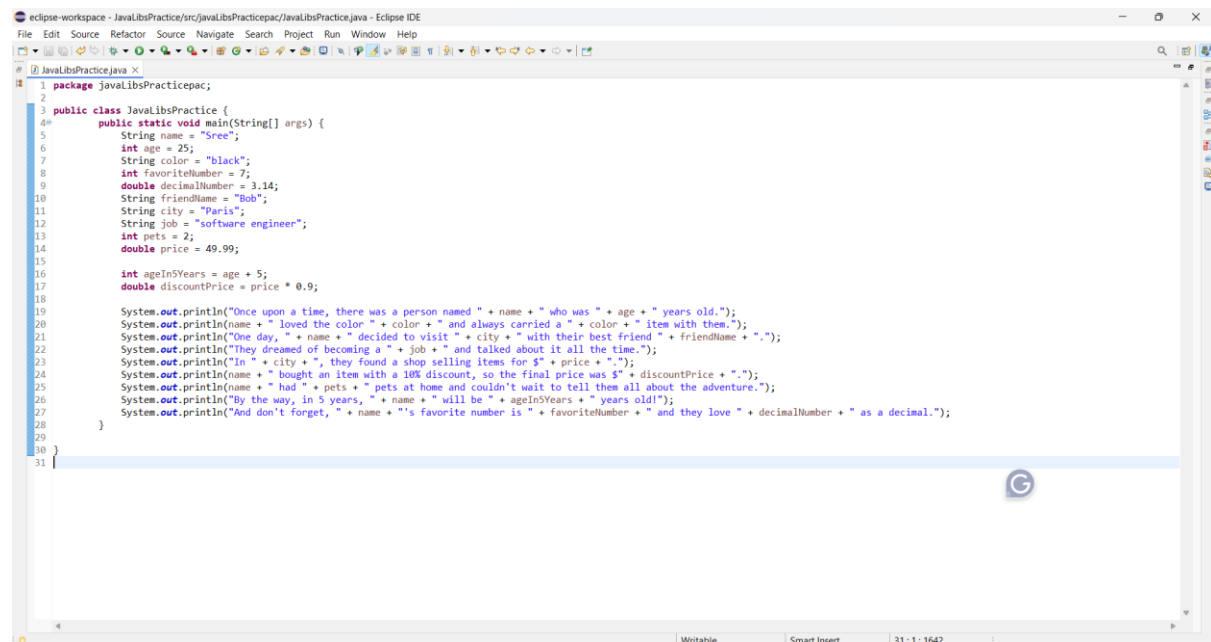
## Java Foundations

### Practices - Section 3

#### Creating a JavaLibs Game

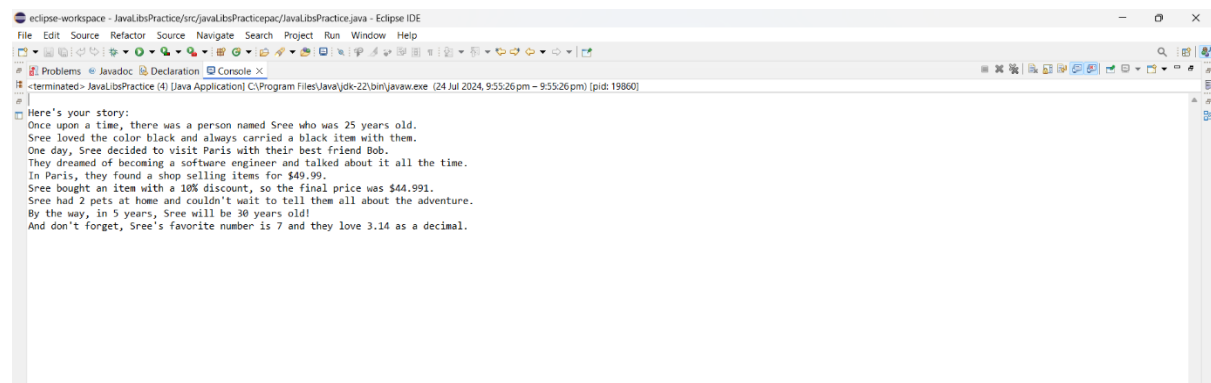
Your goal is to create a program similar to JavaLibs. Write a story where certain parts of the resulting story text are modified by the user's input. Prompt the user for various inputs.

#### IN ECLIPSE IDE:



```
1 package javaLibsPracticepac;
2
3 public class JavaLibsPractice {
4     public static void main(String[] args) {
5         String name = "Sree";
6         int age = 25;
7         String color = "black";
8         int favoriteNumber = 7;
9         double decimalNumber = 3.14;
10        String friendName = "Bob";
11        String city = "Paris";
12        String job = "software engineer";
13        int pets = 2;
14        double price = 49.99;
15
16        int ageIn5Years = age + 5;
17        double discountPrice = price * 0.9;
18
19        System.out.println("Once upon a time, there was a person named " + name + " who was " + age + " years old.");
20        System.out.println(name + " loved the color " + color + " and always carried a " + color + " item with them.");
21        System.out.println("One day, " + name + " decided to visit " + city + " with their best friend " + friendName + ".");
22        System.out.println("They dreamed of becoming a " + job + " and talked about it all the time.");
23        System.out.println("In " + city + ", they found a shop selling items for $" + price + ".");
24        System.out.println(name + " bought an item with a 10% discount, so the final price was $" + discountPrice + ".");
25        System.out.println(name + " had " + pets + " pets at home and couldn't wait to tell them all about the adventure.");
26        System.out.println("By the way, in 5 years, " + name + " will be " + ageIn5Years + " years old!");
27        System.out.println("And don't forget, " + name + "'s favorite number is " + favoriteNumber + " and they love " + decimalNumber + " as a decimal.");
28    }
29 }
30
31
```

#### OUTPUT:



```
<terminated> JavaLibsPractice (4) [Java Application] C:\Program Files\Java\jdk-22\bin\javaw.exe (24 Jul 2024, 9:55:26 pm - 9:55:26 pm) [pid: 19860]
#
# Here's your story:
# Once upon a time, there was a person named Sree who was 25 years old.
# Sree loved the color black and always carried a black item with them.
# One day, Sree decided to visit Paris with their best friend Bob.
# They dreamed of becoming a software engineer and talked about it all the time.
# In Paris, they found a shop selling items for $49.99.
# Sree bought an item with a 10% discount, so the final price was $44.991.
# Sree had 2 pets at home and couldn't wait to tell them all about the adventure.
# By the way, in 5 years, Sree will be 30 years old!
# And don't forget, Sree's favorite number is 7 and they love 3.14 as a decimal.
```

#### IN NetBeans IDE:

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JavaLibsPractice - Apache NetBeans IDE 22
Search (Ctrl+F)

Source History
HelloWorld.java X Girja_project2.java X JavaLibsPractice.java X

public class JavaLibsPractice {
    public static void main(String[] args) {

        String name = "Alice";
        int age = 25;
        String color = "blue";
        int favoriteNumber = 7;
        double decimalNumber = 3.14;
        String friendName = "Bob";
        String city = "Paris";
        String job = "software engineer";
        int pets = 2;
        double price = 49.99;

        int ageIn5Years = age + 5;
        double discountPrice = price * 0.9;
        System.out.println("Here's your story:");
        System.out.println("Once upon a time, there was a person named " + name + " who was " + age + " years old.");
        System.out.println(name + " loved the color " + color + " and always carried a " + color + " item with them.");
        System.out.println("One day, " + name + " decided to visit " + city + " with their best friend " + friendName + ".");
        System.out.println("They dreamed of becoming a " + job + " and talked about it all the time.");
        System.out.println("In " + city + ", they found a shop selling items for $" + price + ".");
        System.out.println(name + " bought an item with a 10% discount, so the final price was $" + discountPrice + ".");
        System.out.println(name + " had " + pets + " pets at home and couldn't wait to tell them all about the adventure.");
        System.out.println("By the way, in 5 years, " + name + " will be " + ageIn5Years + " years old!");
        System.out.println("And don't forget, " + name + "'s favorite number is " + favoriteNumber + " and they love " + decimalNumber + " as a decimal.");
    }
}
```

## Output:

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
JavaLibsPractice - Apache NetBeans IDE 22
Search (Ctrl+F)

Projects X Files Services
Girja_project2
HelloWorld
JavaLibsPractice
  Source Packages
    com.myproject.javailspractice
      JavaLibsPractice.java
  Dependencies
  Java Dependencies
  Project Files

Navigator X
Members
JavaLibsPractice
  JavaLibsPractice()
  main(String[] args)

Source History
HelloWorld.java X Girja_project2.java X JavaLibsPractice.java X

public class JavaLibsPractice {
    public static void main(String[] args) {

        String name = "Alice";
        int age = 25;
        String color = "blue";
        int favoriteNumber = 7;
        double decimalNumber = 3.14;
        String friendName = "Bob";
        String city = "Paris";
        String job = "software engineer";
        int pets = 2;
        double price = 49.99;

        int ageIn5Years = age + 5;

        com.myproject.javailspractice.JavaLibsPractice > main >

Output X
JavaApplication2 (clean) X Run (JavaLibsPractice) X
--- exec:3.1.0:exec (default-oli) @ JavaLibsPractice ---

Here's your story:
Once upon a time, there was a person named Alice who was 25 years old.
Alice loved the color blue and always carried a blue item with them.
One day, Alice decided to visit Paris with their best friend Bob.
They dreamed of becoming a software engineer and talked about it all the time.
In Paris, they found a shop selling items for $49.99.
Alice bought an item with a 10% discount, so the final price was $44.991.
Alice had 2 pets at home and couldn't wait to tell them all about the adventure.
By the way, in 5 years, Alice will be 30 years old!
And don't forget, Alice's favorite number is 7 and they love 3.14 as a decimal.

BUILD SUCCESS
Batch: 1 time: 25.045 s
```