

Lesson 01 Demo 02

Implementing Data Types in Java

Objective: To Implement the Data Types in Java program

Tools required: Eclipse IDE

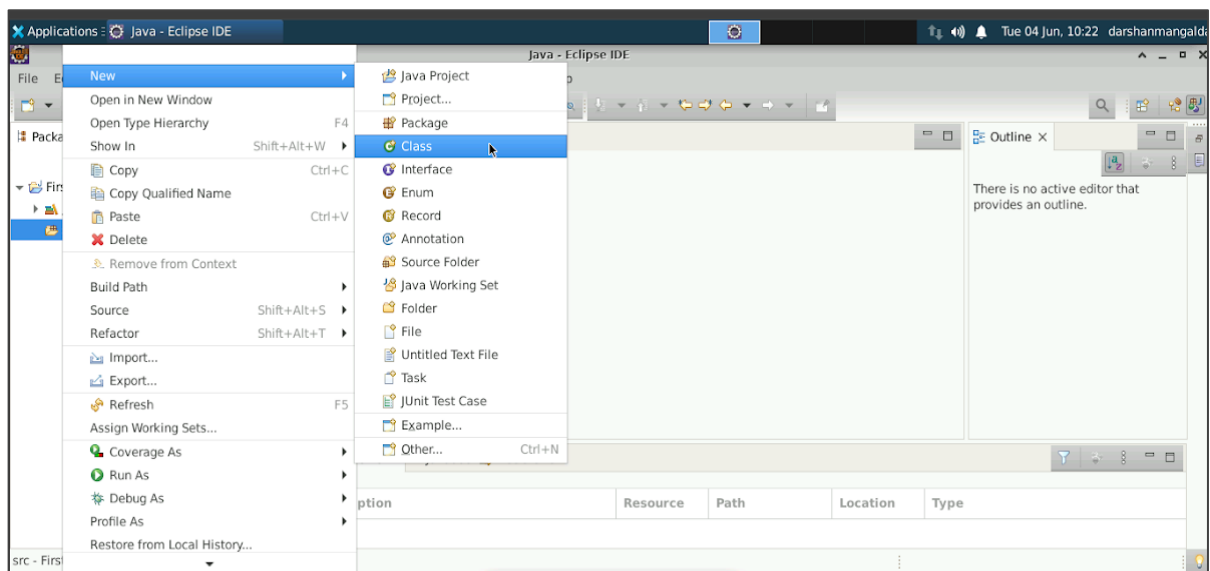
Prerequisites: None

Steps to be followed:

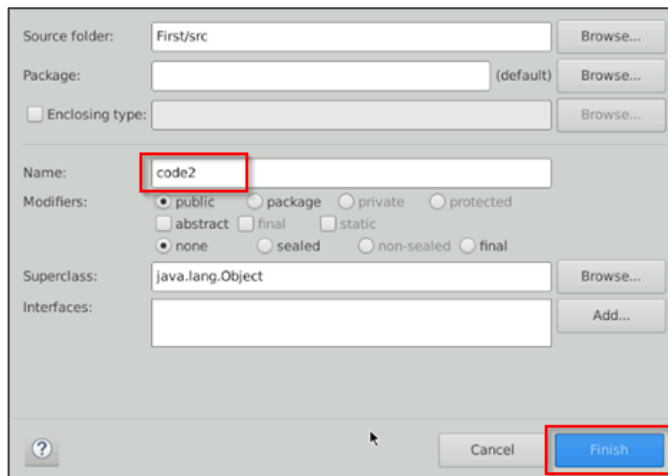
1. Create a new class on the Eclipse IDE
2. Create the program to implement Data Types in Java

Step 1: Create a folder on the Eclipse IDE

1.1 Right **Src** folder, select **New**, and click on the **class** option

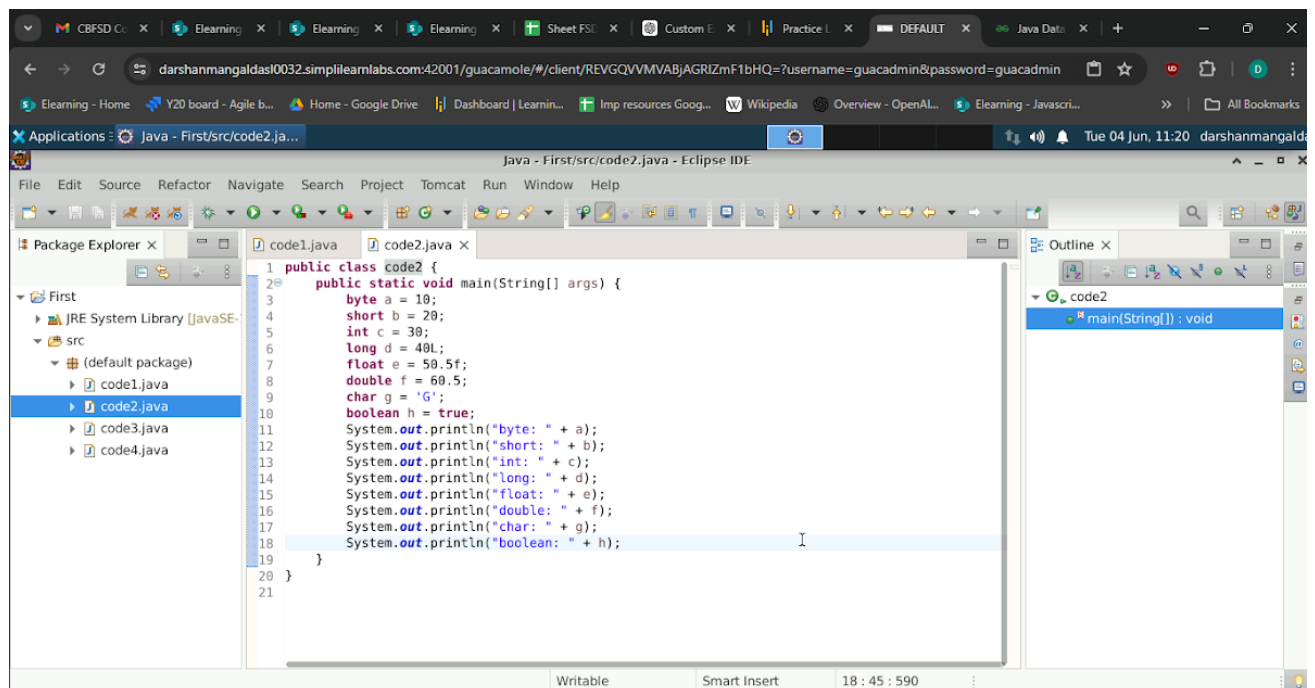


1.7 Enter the name in the Java class as **code2**, make sure **the** public option is checked and click on **Finish** Button

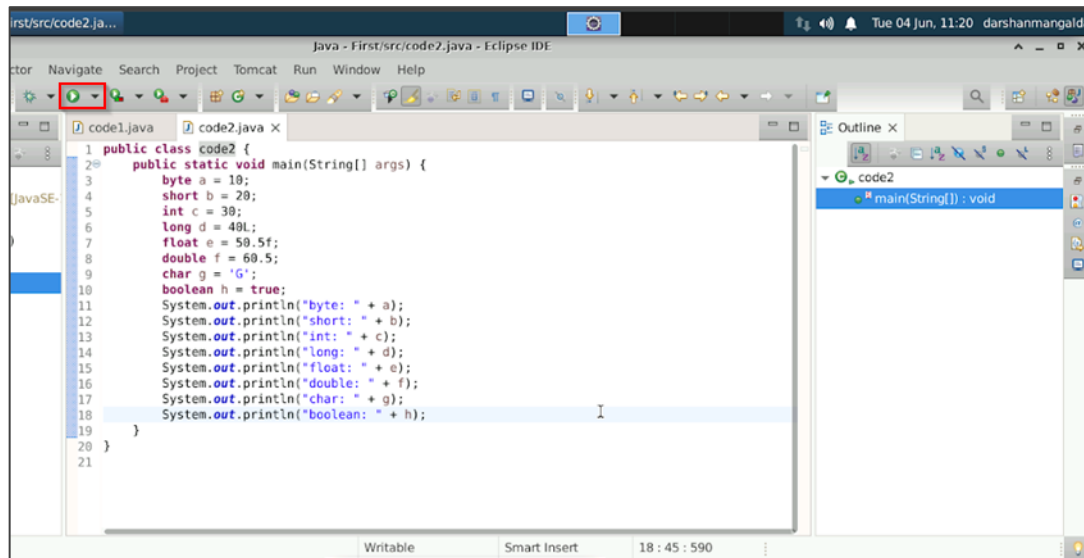


Step 2: Create the program to implement Data Types in Java

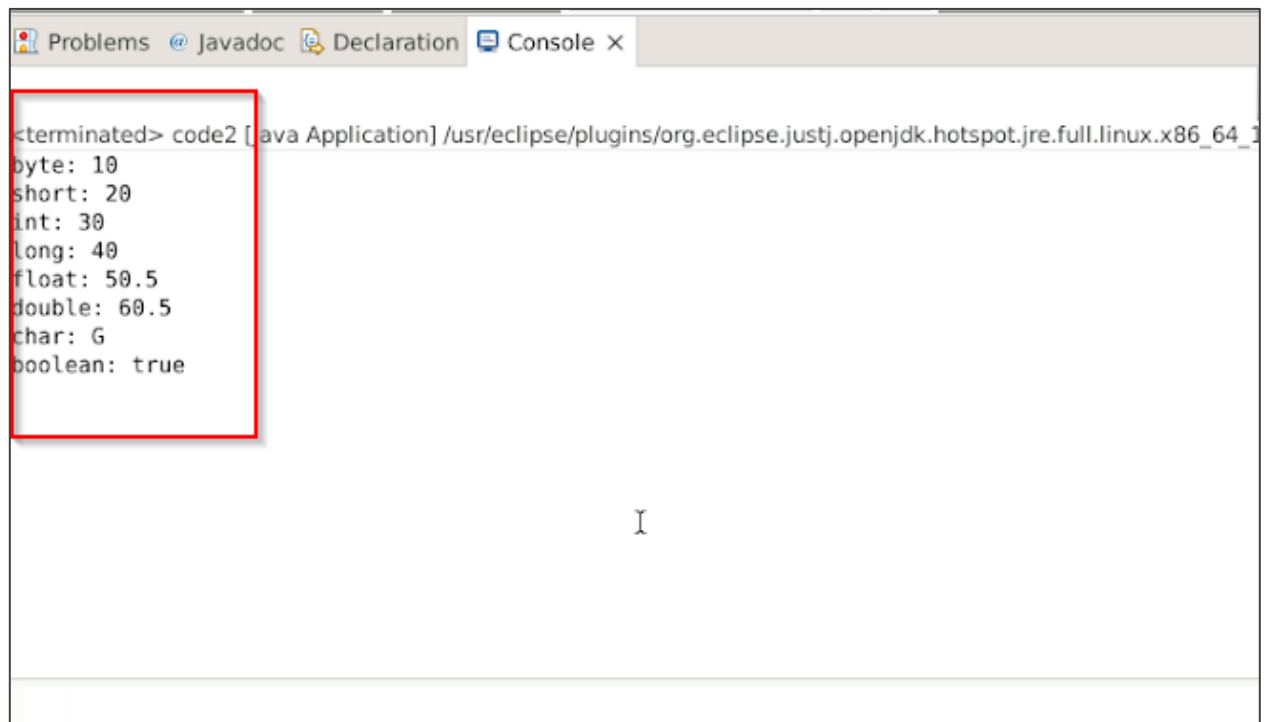
2.1 Enter the code for the implementation of the primitive data type as shown below:



2.2 Click on the **Run** Button to execute the code



The output of the code will be as below:



2.3 Enter the code for the implementation of the non-primitive data type

```

1  import java.util.ArrayList;
2
3  public class nonprimitive {
4      public static void main(String[] args) {
5          String message = "Hello, World!";
6          int[] numbers = {1, 2, 3};
7          ArrayList<String> names = new ArrayList<>();
8          names.add("John");
9          names.add("Jane");
10         System.out.println("Message: " + message + ", Numbers: " + java.util.Arrays.toString(numbers) + ", Names: " + names.toString());
11     }
12 }
13
14
15

```

The output of the Data Types in Java can be seen in the Console field as shown below:

```

Message: Hello, World!, Numbers: [1, 2, 3], Names: [John, Jane]

```

By following the above steps, you have successfully Implemented the Data Types in Java