Bootcamp class exercise 1

```
import java.util.Scanner;
public class GetUserInfo
{
   public static void main(String[] args)
   {
      String name;
      int age;
      Scanner inputDevice = new Scanner(System.in);
      System.out.print("Please enter your name >> ");
      name = inputDevice.nextLine();
      System.out.print("Please enter your age >> ");
      age = inputDevice.nextInt();
      System.out.println("Your name is " + name +
         " and you are " + age + " years old.");
   }
}
```

The Scanner class is imported, and used to create an object.

The Scanner object is used with the nextLine() method.

1. Implement the code as shown in the code block above and run it.

```
import javax.swing.JOptionPane;
public class HelloNameDialog
{
   public static void main(String[] args)
   {
      String result;
      result = JOptionPane.showInputDialog(null, "What is your name?");
      JOptionPane.showMessageDialog(null, "Hello, " + result + "!");
   }
}
```

Figure 2-26 The HelloNameDialog class

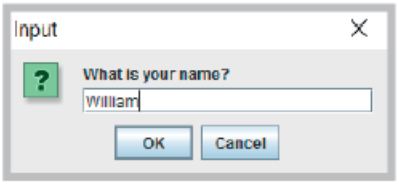


Figure 2-27 Input dialog box of the HelloNameDialog application

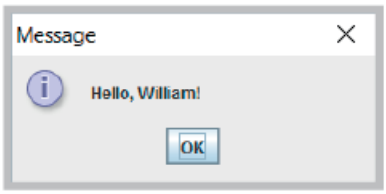


Figure 2-28 Output of the HelloNameDialog application

2. Implement the code as shown in the code block above and run it.

3. Having done that:

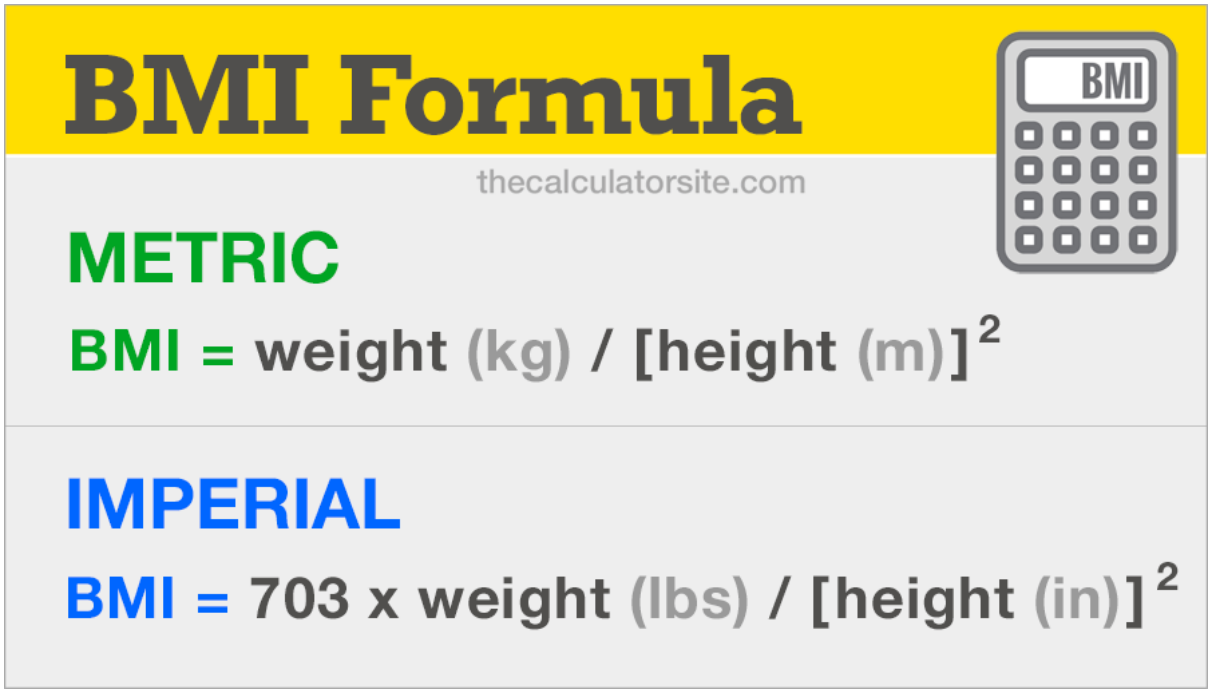
<u>Build code that will do the following:</u>

Ask the user to input details relating to age, weight and height,

Use that to calculate BMI

And display it.

Hint



For Question 3 Above make sure that you split it into two parts..

Question 3a where you use the console and the scanner as shown in question 1

Question 3b where you use the Joption pane java swing and popup boxes to achieve your solution as shown in question 2

Please use google if you can but use comments to explain what you are trying to do.

You can also use the video s we did in class.

Tips : I would consider every question as a java Class (e.g) Question1, Question2, Question3a, Question3b etc

Do not complicate it , make sure you choose wisely your variables and data types.

Simplify your solutions

Bonus marks : if you can add this to git you earn bonus points.

Total : 50