

# Assignment 1

In this assignment we will be reviewing the basics, starting with imports, defining a scanner, printing to console, storing and defining variables, and using math in Java. We will also learn good code management tactics like commenting. Assignment requirements are outlined in the table below.

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## Review Code

(You can use this code as an example if you get stuck 😊)

```
1  //always start with importing our scanner so we can use it!
2  import java.util.Scanner;
3
4  public class Debug {
5      public static void main(String[] args) {
6          //I've already set up a scanner with the name 'sc' for you!
7          Scanner sc = new Scanner(System.in);
8          //here's a good working example for you to reference!
9          //first: we ask our user for our prompt
10         System.out.println("What is your name? ");
11         //second: we create a string variable and store the user input back to it
12         String name = sc.nextLine();
13         //third: we print it back out!
14         System.out.println("Hello, " + name + "! ");
15
16
17         //finish this one for me by receiving and printing the user's age back to them
18         System.out.println("How old are you? ");
19
20
21         //can you do some math for me? take these variable and print out the sum of them!
22         int num1 = 10;
23         int num2 = 37;
24         //?
25
26
27
28     }
29 }
```

Here is some code you can use to get started! (copy and paste)

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```
//always start with importing our scanner so we can use it!
import java.util.Scanner;

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

        //finish this one for me by receiving and printing the user's age back to them
        System.out.println("How old are you? ");

        //can you do some math for me? take these variables and print out the sum of them!
        int num1 = 10;
        int num2 = 37;
        //?

    }
}
```

---

Finish this code for me:

Please provide the solution using the variable names, code, and comments exactly as given below, following the instructions closely without additional notes, just comments explaining your thought process (makes my grading easier and tells me you really get it 😊). Don't worry if there's any typos, this is not an english class!

1. Define a scanner with the name "sc"
2. Use the "System.out.println("How old are you? ");" statement to ask the user, then prompt the user for age and then print it back to them by creating a string variable for age
3. Add integers num1 and num2 together printing the sum, and comment at the end with //"What I learned" and a sentence or two