



Getting and Running BlueJ



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1. If you do not have BlueJ installed on your computer we need to get it and install it.
 2. You need to have Java 6 or Java 7 (also known as JDK6/JDK7) installed on your system. Note that only the version labeled JDK will work. Not the one labeled JRE, nor the one that comes with NetBeans, nor the EE version. Go to <http://www.bluej.org/download/download.html> and click on the link in the right hand column that says JDK download. then click on the JDK download.
 3. Next you will need to get BlueJ. Go to <http://www.bluej.org/download/download.html> and select one of the first two options (Windows or Mac). You may have to click on it to download and then click on it to run it. Then just agree with everything.
 4. You should have a BlueJ icon on your desktop or in your Program Files.
 5. Create a folder on your desktop (right mouse click - new folder) - call it My Java Files.
 6. Then Click on the BlueJ icon. Then select on New Project - find your way to the desktop and then click on the folder you just created. Then call the file First.
 7. Then select new Class - call it One
 8. Then click on the folder and replace everything in there with the code below (highlight it, then Control C to copy, then Cntrl V inside of the Bluej program window to replace the code there).



```
import java.util.Scanner;

public class MyClass {
    static Scanner in = new Scanner(System.in);
    public static void main() {
        int n1;
        double avg;
        System.out.print("Enter a number ");
        n1 = in.nextInt();
        System.out.println("The number you entered was " + n1);
    }
}
```



9. Select Compile - if you have no errors it will tell you "No Syntax Errors"
10. Close the window - Right click on the folder - Select void main or whatever you named your function). The program should run.
11. To edit the program click on the folder and you can go in and change things and then compile and then right click on the folder and select the "void main" function
12. Then select New class - call it two. Replace the code that is in there with the following code.



```
import java.util.Scanner;
import java.io.*;

public class two
{
    static Scanner in = new Scanner(System.in);

    public static void main() {
        double n1, n2 , n3;
        double avg;
        System.out.print("Enter a number ");
        n1 = in.nextInt();
        System.out.print("Enter a number ");
        n2 = in.nextInt();
        System.out.print("Enter a number ");
        n3 = in.nextInt();
        avg = (n1 +n2+n3)/3.0;
        System.out.println("Average is " + avg);
    }
}
```



13. Click Compile. Close the window and right click on the two folder. Select the main function and the program should run. After it runs try to edit the program by clicking on the folder and then editing the code. Try to enter 4 numbers and get the average.

Get comfortable in the BlueJ environment.