

Project 01. Introduction to BlueJ

Project objectives:

This project was designed to ensure that the students be able to install a free BlueJ software and build a Java project by using BlueJ. In this project, the student will practice:

1. Building a Java project by using BlueJ
2. Knowing how to put comments in a Java program
3. Knowing how to use ***System.out.print*** and ***System.out.println***
4. Having a basic concept about the case-sensitive of Java

Description of the Problem

Write a Java program that print out the following message:

Hello World!

This is my first Java program.

Step 0. Download and install BlueJ from

<http://www.bluej.org/download/download.html>

Step 1. Follow the following process, you should answer all the questions by using comments in your .java file

1. Launch BlueJ.
2. Creating a project by click on **Project** menu, and then clicking **New Project....**
3. In the **New Project** window, using **Look in:** navigate to the folder where you want to save your project. In **File Name** field, type Project01, then click on Create button. You will see Project01 project window.
4. In Project01 project window, click on **New Class** button. **The Create New Class** window will prompt out. In **Class Name:** text filed, type the class name as YourNameProject01, then click on **OK** button. You will see a yellow rectangle with YourNameProject01 in it.
5. Double click that yellow rectangle, a new window will be opened. There are some preset text in the window, do following changes
 - a. On the top of the file, there are multiple lines of comments in `/*` and `*/`. Change the content accordingly.
 - b. Delete all the content in the brackets under the public class line. Type the following code in it:

```
public static void main(String [] args){  
  
    System.out.println("Hello, World!");  
  
    System.out.println("This is my first Java Program");  
  
}
```

6. Play with code by change System to system, then compile again. What happens? Why?
7. Break the line of code .

```
System.out.println("Hello, World!");
```

To

```
System.out.println("Hello,  
  
World!");
```

What happens?

8. Change first System.out.println to System.out.print, what happens?

Step 2. Submit YournameProject01.java file to blackboard. Ensure that you have answered questions 6, 7, and 8 above. Your answer should be written as comments in your .java file.