**Worksheet 2 – IDE Orientation (NetBeans)**

1. Open NetBeans, and wait for it to be prepared for first time use
2. Create a New Project. In the category choose **Java with Ant**, and then choose **Java Application**. Specify a name for your project: *NetBeansOrientation*.

Also, choose the location where you would like to save your project (IMPORTANT)

1. Notice the following panels in your IDE. What do you think are they used for?

* Project Panel

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* Code Editor

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* Output Panel

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1. What do you think is a **Project**?

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1. Right-click on the Project and choose *Properties*. This windows shows and allows you to change the settings related to this particular project. Go through some of the settings to get familiar with them. When ready, close the Project Properties window.
2. In contrast, under *Tools…Options* you can set properties which do not belong to a single particular project, but to NetBeans in general, for example Turn Code Completion On or Off. Get familiar with this window as well.
3. When you close one of the panels by mistake (say the Projects panel), you can always get it back. A quick fix would be to click *Window…Reset Windows*. Try it out.
4. Enter the following in the code editor **inside the main method**:

System.out.println(“Hello World”);

System.out.println(“Goodbye!”);

HINT: type sout and then press tab

What do you think this program should do?

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1. Press F6 to build and run your project (or click the green arrow on the toolbar). Does your program work as expected?

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1. On purpose introduce an error in your code. What happens now if you try to build?

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1. What is the difference between building and running your project?

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1. Make sure your code is error free, and build again. Go to the root folder where your project was built. Try to find the files: **NetBeansOrientation.java** and **NetBeansOrientation.class**, and draw the file structure from the root of the project, leading up to those 2 files.
2. What is the difference between the .java and the .class file?

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