

Netbeans Instructions For Java Programs

Creating a NEW Java Project

1. Select **File > New Project..** from the main menu. This will open the **New Project** dialog box.

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2. Select the Java from the list of Categories and Java Application from the list of Projects available in the New Project dialog box.

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	C/C++ Pescription: Creates a new Java SE application in a standard IDE project. You can also generate a main class in the project. Standard projects use an IDE-generated Ant build script to build, run, and debug your project. < Back Next > Einish Cancel Help

3. Press the Next button to continue.

4. Enter the Name of your <u>NEW</u> Java project in the **Project Name** field in **New Java Application** dialog box.

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Modify the Location of where your Java project is being saved in the Project Location field. To save it in your Windows account replace C:\Users\student\Documents with z:. To save it to your USB, replace C:\Users\student\Documents with the drive letter that represents your USB drive.

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6. Press the Finish button to complete the Java Project setup process.

At this point in time your <u>NEW</u> Java **Project** should appear as an asset in the **Project Tab** on the left hand side of your **Netbeans** application window and your **Main.java** should appear in a source code window on the right hand side.



You can begin adding new source code to your project.

Saving a Java Project / Source File

- 1. Select the Tab that contains the Source Code you wish to save.
- 2. Select **File > Save** from the main menu. This will automatically save the source code in that is open in the active tab of your **Netbeans** workspace.

Notes About Saving Your Files

- If you want to save a copy of your source code in a new file, you will want to choose the **Save As..** option from the **File** menu.
- If you have more than one file open that you need to save, you may use the **Save All** option from the **File** menu and this will update all of your open files.
- <u>When saving your files in the Business/CS Computer Lab and Classrooms</u>, make sure that you are saving your files to either your Home Directory (Z: drive) or your USB drive otherwise you may lose your documents.

Compiling and Running a Java Program

1. **To build your program**, press the Build icon (¹¹) in the main menu. This will allow you to build a .class file which will be saved in your project directory tree under build/classes.

At the bottom of your Netbeans window you should see the results of the build process which should look similar to the results shown in the **Output Tab** as shown below which indicate that your program has been built successfully:

2. To Build and Run your program, press the Run icon () in the main menu.

You should now see the results at the bottom of your Netbeans application window in the **Output Tab** as shown below which indicate that your program has been built and run successfully:

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	BUILD SUCCESSFUL (total time: 0) seconds)	
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<u>Closing a Java Project</u>

- 1. **Right click** on the Project you wish to close.
- 2. Select the **Close** option from the popup menu.

You can now either close **NetBeans** OR open a <u>NEW</u> or existing Java Project.

Exiting NetBeans

1. Select File > Exit from the main menu. At this point NetBeans will close.

** Remember to Save and Close in order to not lose your settings.

Opening an EXISTING Java Project

1. Select **File > Open Project..** from the main menu. This will open the **Open Project** dialog box.

2. Using the **Open Project** dialog box, browse for the project folder that contain the Java Project you wish to open:

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Desktop				-	Open <u>R</u> equired Projects:	
My Documents						
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- 3. Press **Open Project** to continue.
- 4. At this point your Project should be open in the Project Explorer tab of your **Netbeans Workspace** and you can continue adding source code to your Java Project.

MyJavaProject - NetBeans IDE 6.9.1								
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