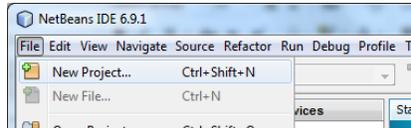


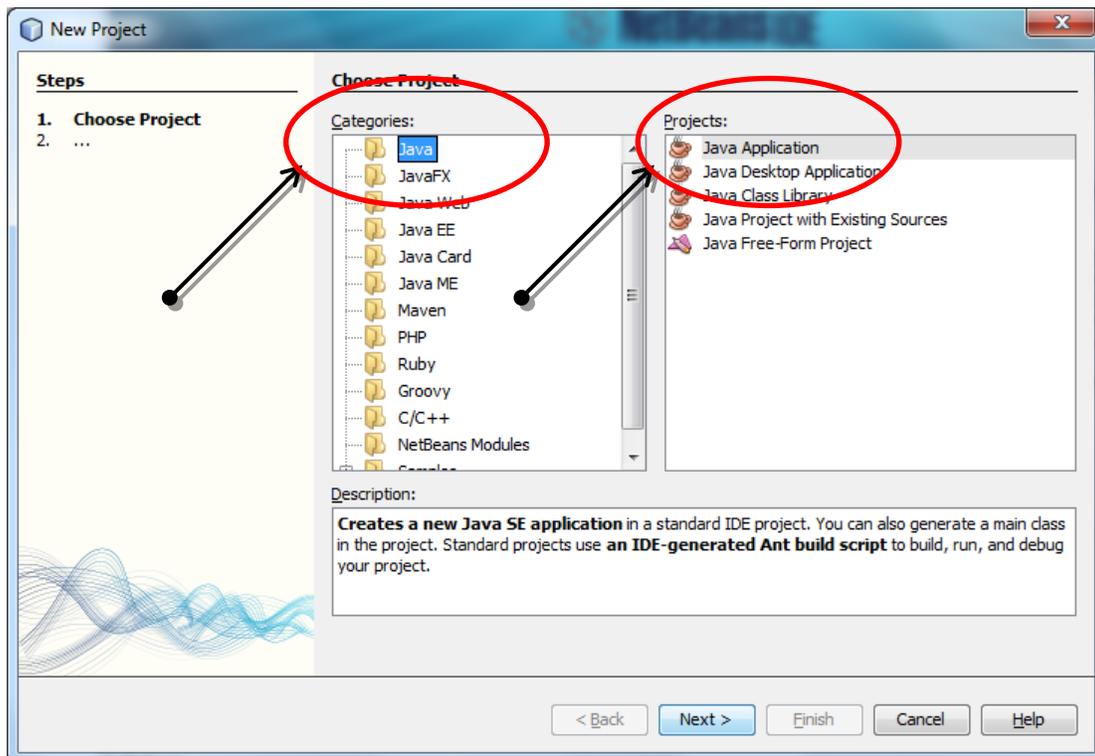
Netbeans Instructions For Java Programs

Creating a NEW Java Project

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

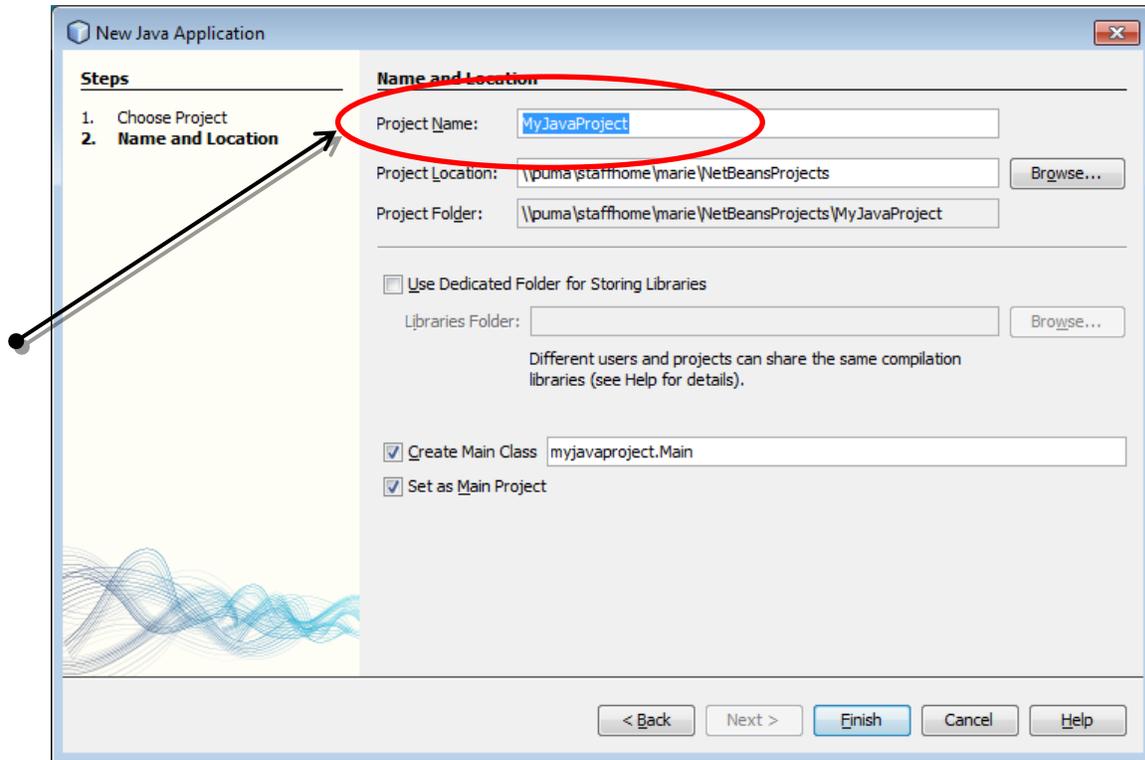


2. Select the **Java** from the list of **Categories** and **Java Application** from the list of **Projects** available in the **New Project** dialog box.

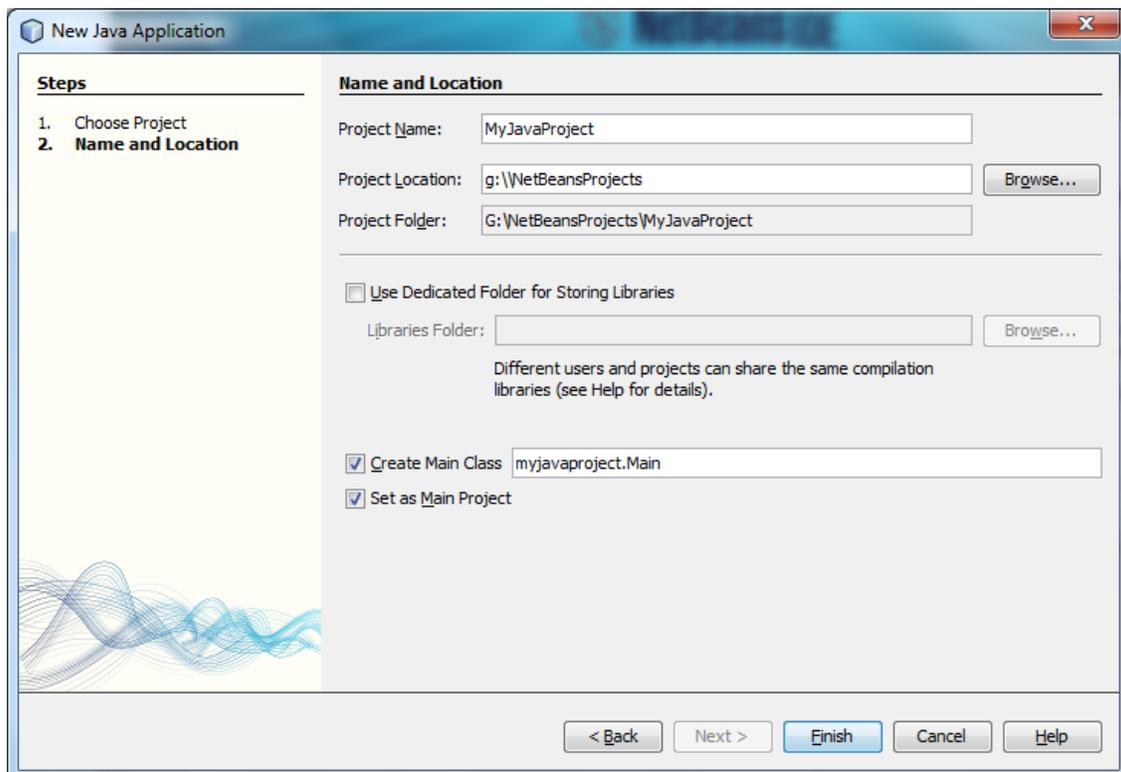


3. Press the **Next** button to continue.

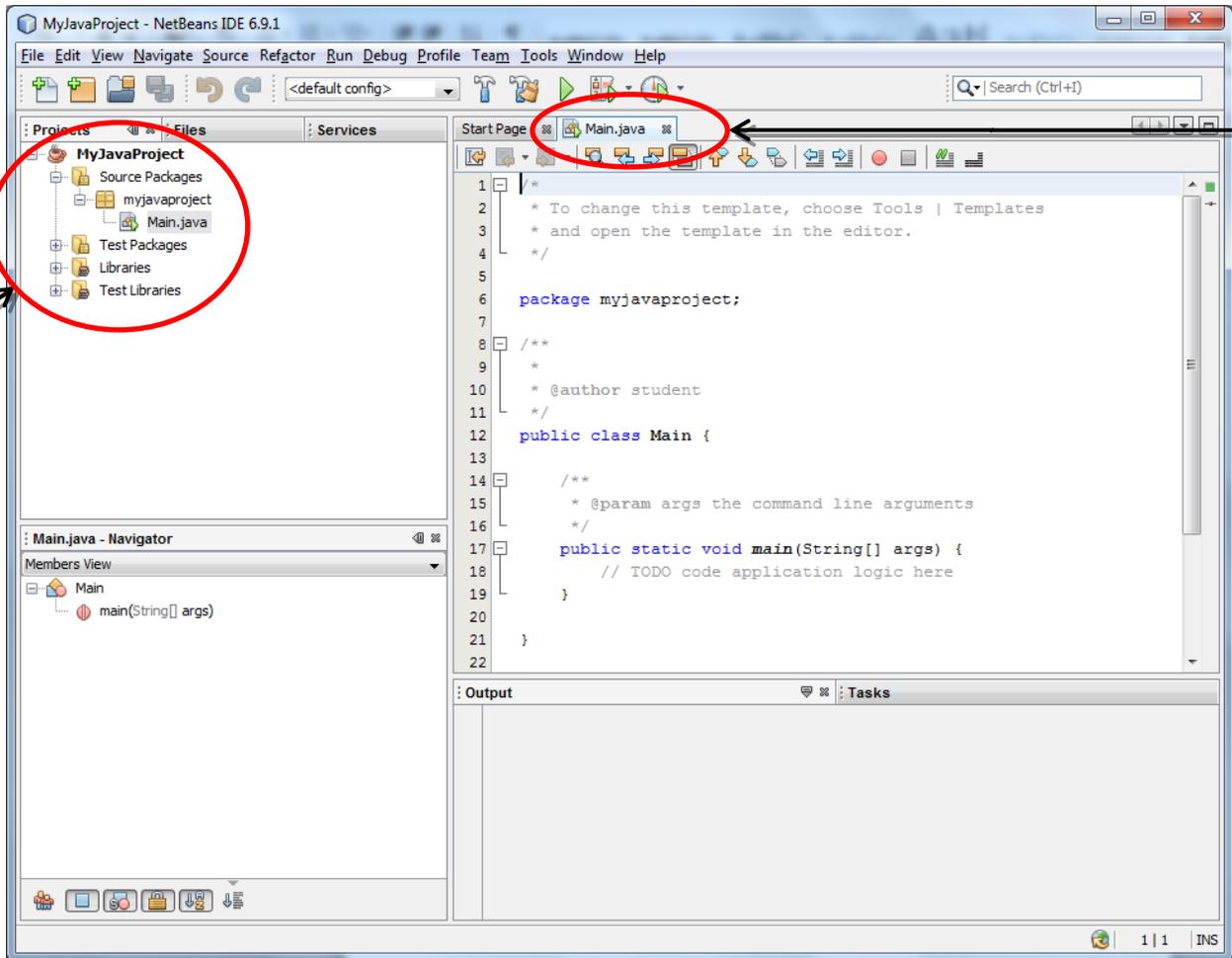
4. Enter the **Name** of your **NEW** Java project in the **Project Name** field in **New Java Application** dialog box.



5. 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.



- Press the Finish button to complete the Java Project setup process.
At this point in time your **NEW** 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.

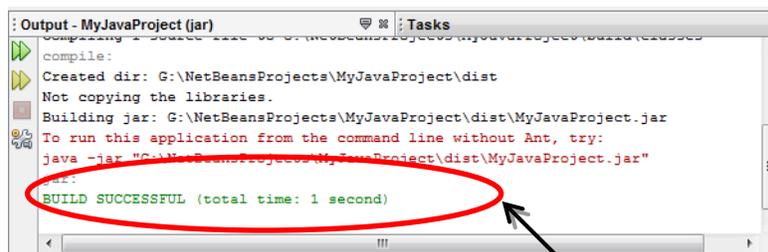
Notes About Saving Your Files

- 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.
- **When saving your files in the Business/CS Computer Lab and Classrooms**, 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 () 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.

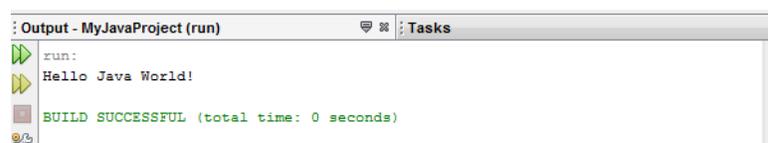
At the bottom of your Netbeans window you should see the results of the build process which should look similar to the results shown in the **Output Tab** as shown below which indicate that your program has been built successfully:



```
Output - MyJavaProject (jar) Tasks
compile:
Created dir: G:\NetBeansProjects\MyJavaProject\dist
Not copying the libraries.
Building jar: G:\NetBeansProjects\MyJavaProject\dist\MyJavaProject.jar
To run this application from the command line without Ant, try:
java -jar "G:\NetBeansProjects\MyJavaProject\dist\MyJavaProject.jar"
BUILD SUCCESSFUL (total time: 1 second)
```

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

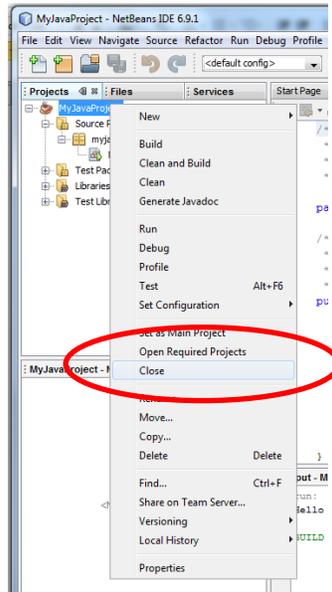
You should now see the results at the bottom of your Netbeans application window in the **Output Tab** as shown below which indicate that your program has been built and run successfully:



```
Output - MyJavaProject (run) Tasks
run:
Hello Java World!
BUILD SUCCESSFUL (total time: 0 seconds)
```

Closing a Java Project

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 **NEW** or existing Java Project.

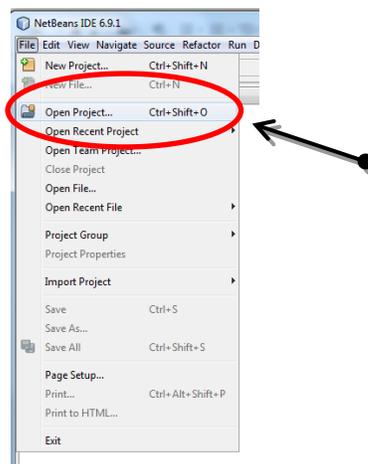
Exiting NetBeans

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

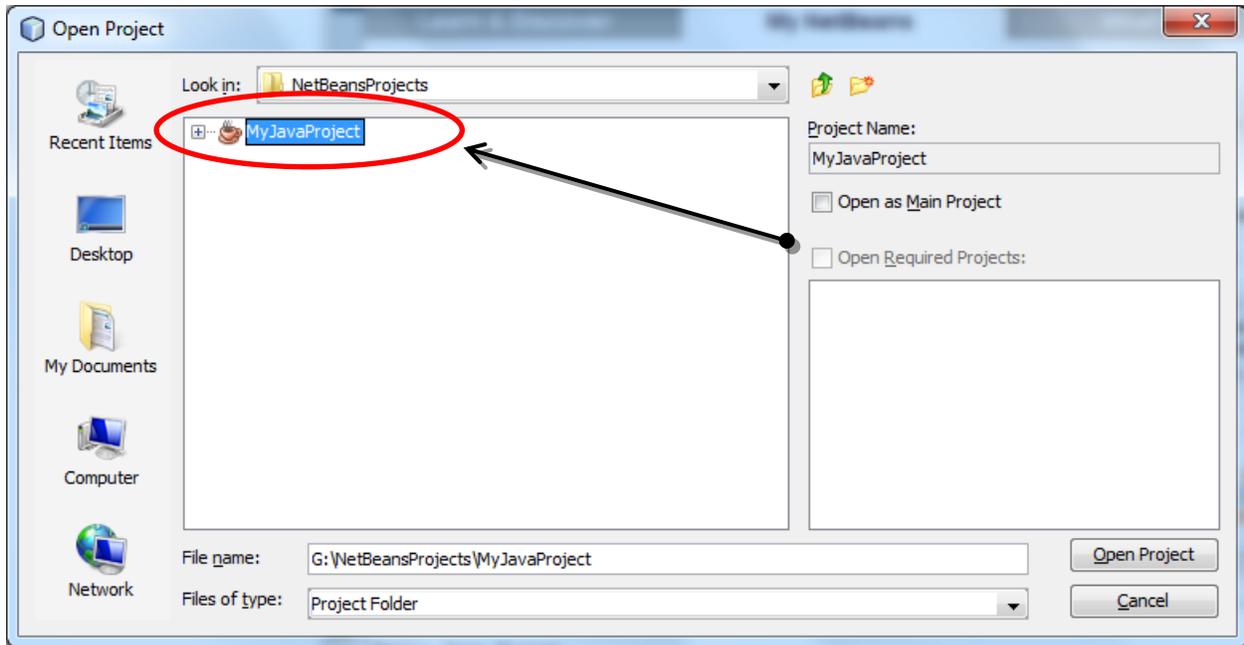
**** Remember to Save and Close in order to not lose your settings.**

Opening an EXISTING Java Project

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



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



- Press **Open Project** to continue.
- 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.

