To create a new Java Project in NetBeans, select File then New Project...



| Make sure     | "lava with | Ant" and | "lava A | polication" | are selected | and click Next |
|---------------|------------|----------|---------|-------------|--------------|----------------|
| IVIANCE SUICE |            |          | Javar   | ppilcation  | are selected |                |

| 🔍 New Project          | ×  |
|------------------------|--|
| Steps                  | Choose Project   |
| 1. Choose Project<br>2 | Q Filter:  |
|                        | Categories: Projects:  |
|                        | Java with Maven<br>Java with Gradle<br>Java with Ant<br>HTML5/JavaScript<br>PHP<br>Samples<br>Java with Ant<br>Java with Ant<br>Samples<br>Java with Ant<br>Java With Ant<br>Java Wodular Project<br>Java Free-Form Project                                |
|                        | D escription:  |
|                        | This feature is not yet enabled. Press Next to activate it.         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, |
|                        | < Back Next > Finish Cancel Help   |

The first time, you may need to Activate Java SE

| 🗘 New Project   |   | × |
|---|---|---|
| Steps   | Finding Feature   |   |
| <ol> <li>Choose Project</li> <li>Finding Feature</li> </ol> | In order to use this functionality, support for Java SE must be activated.<br>Additional modules are recommended to run Java SE support.<br>I The nb-javac Java editing support library<br>JavaFX Implementation for Windows<br>Download and Activate<br>Activate |   |
|   | < Back Next > Finish Cancel Hel   | þ |

Enter the project name in the Project Name field then click Finish

| New Java Application                      |                   | ×  |
|---|-------------------|--|
| Steps                                     | Name and Locat    | ion  |
| 1. Choose Project<br>2. Name and Location | Project Name:     | Lab01  |
|   | Project Location: | C:\Users\g00116196\Documents\NetBeansProjects Browse   |
|   | Project Folder:   | C:\Users\g00116196\Documents\NetBeansProjects\Lab01  |
|   | Use Dedicated     | f Folder for Storing Libraries   |
|   | Libraries Folde   | r: Browse  |
| r   |                   | Different users and projects can share the same compilation<br>libraries (see Help for details). |
| c   | 🗹 Create Main C   | lass lab01.Lab01   |
|   |                   |  |
|   |                   |  |
|   |                   | < Back Next > Finish Cancel Help   |

#### A template for the class for the project is created:



| Lab 1   |   |  |  |
|---|---|--|--|
| Lab01 - Apache NetBeans IDE 12.0                            |   |  |  |
| File Edit View Navigate Source Refactor Run Debug Profile T | am Tools Window Help                          |  |  |
| 👚 🞦 🛃 🌍 🥥 🔀 🖂 🖓   | ' 🎬 🕨 - 🌇 - 🕦 - 📴 asa.8 <b>/550.0002</b> 🕼 🕼  |  |  |
| Projects × Files Services -                                 | tart Page × 💑 Lab01.java ×                    |  |  |
| 🖃 🍉 Lab01   | Source History 🕼 🕞 - 💭 - 🔽 🖓 🖓 🖓 🖓 🖓 🖓 🚱 🔛 😫  |  |  |
| Source Packages   | 1 package lab01;                              |  |  |
| Lab01.java  |   |  |  |
| 🗄 🍃 Libraries   | 4 * Lab 01 for CSIT 105                       |  |  |
|   | 5 * @author Stephen Brower                    |  |  |
|   | 6 L */  |  |  |
|   | 7 public class Lab01 {                        |  |  |
|   | 9 - /**                                       |  |  |
|   | 10 * @param args the command line arguments   |  |  |
|   | 11 L */                                       |  |  |
|   | 12 - public static void main(String[] args) { |  |  |
|   | 14 }  |  |  |
| main Navigat X  | 15  |  |  |
| Members V <empty></empty>                                   | 16 }  |  |  |
| Lab01   | 17  |  |  |
| → ♦ Lab01()   |   |  |  |
| 🌗 main(String[] args)                                       |   |  |  |

If no error messages exist in the line numbers column, then you can Run the program.

To run, click on the Run Project button (looks like a Play button) – results at the bottom of the screen

|   | (  |            |
|---|--|------------|
| Q Lab01 - Apache NetBeans IDE 12.0                        |  | - 🗆 X      |
| File Edit View Navigate Source Refactor Run Debug Profile | Feam Tool Window Help  | Q-         |
| 👚 🛅 🔚 🍓 🍋 🦿 🔄 🔄   | 👔 🎲 🗭 - 🚯 - 👔 - 👔 - 👔 - 👔 - 👔 - 👔  |            |
| Projects × Files Services -                               | Start Page × 🚳 Lab01.java ×  | < → ▼ □    |
| 🖃 🧶 Lab01   | Source History 🕼 💀 - 🐺 - 🕄 🤻 😓 🖓 🖓 🈓 🖓 🗐 🗐 🕘 🗐 🏙 📑   | 88         |
| 🖶 🛗 Source Packages                                       | 1 package lab01;   | ^ <b>=</b> |
|   | 2  |            |
| Elbraries   | 3 - /**  |            |
|   | 4 * Lab 01 for CSIT 105  |            |
|   | 6 */   |            |
|   | 7 public class Lab01 {   |            |
|   | 8  |            |
|   | 9 📮 /**  |            |
|   | 10 * @param args the command line arguments  | -          |
|   | 11 - */  |            |
|   | <pre>13 System.out.println("Hello World!");</pre>  |            |
|   | 14 4   |            |
| main - Navigat - X  | 15   |            |
| Members v <empty></empty>                                 | 16 }   |            |
| E-A lab01   | 17   |            |
| ↓ → Lab01()   |  |            |
| main(String[] args)                                       |  | ~          |
|   | kb01.Lab01 > () main >   | ×          |
|   | Output - Lab01 (ru ×   | _          |
|   | Updating property file: C:\Users\g00116196\Documents\NetBeansProjects\Lab01\build\bu | ^          |
|   | Created dir: C:\Users\g00116196\Documents\NetBeansProjects\Lab01\build\empty   |            |
|   | Created dir: C:\Users\g00116196\Documents\NetBeansProjects\Lab01\build\generated-sources\ap-source-output  |            |
|   | Compiling 1 source file to C:\Users\g00116196\Documents\NetBeansProjects\Lab01\build\classes   |            |
|   | run:   |            |
|   | Hello World!   |            |
|   | BUILD SUCCESSFUL (total time: 1 second)  |            |
|   | ·  | 13:44 INS  |

# Source Code Location for Lab01 is in file Lab01.java in folder

"...\Documents\NetBeansProjects\Lab01\src\lab01"

