How to Install NetBeans on Windows

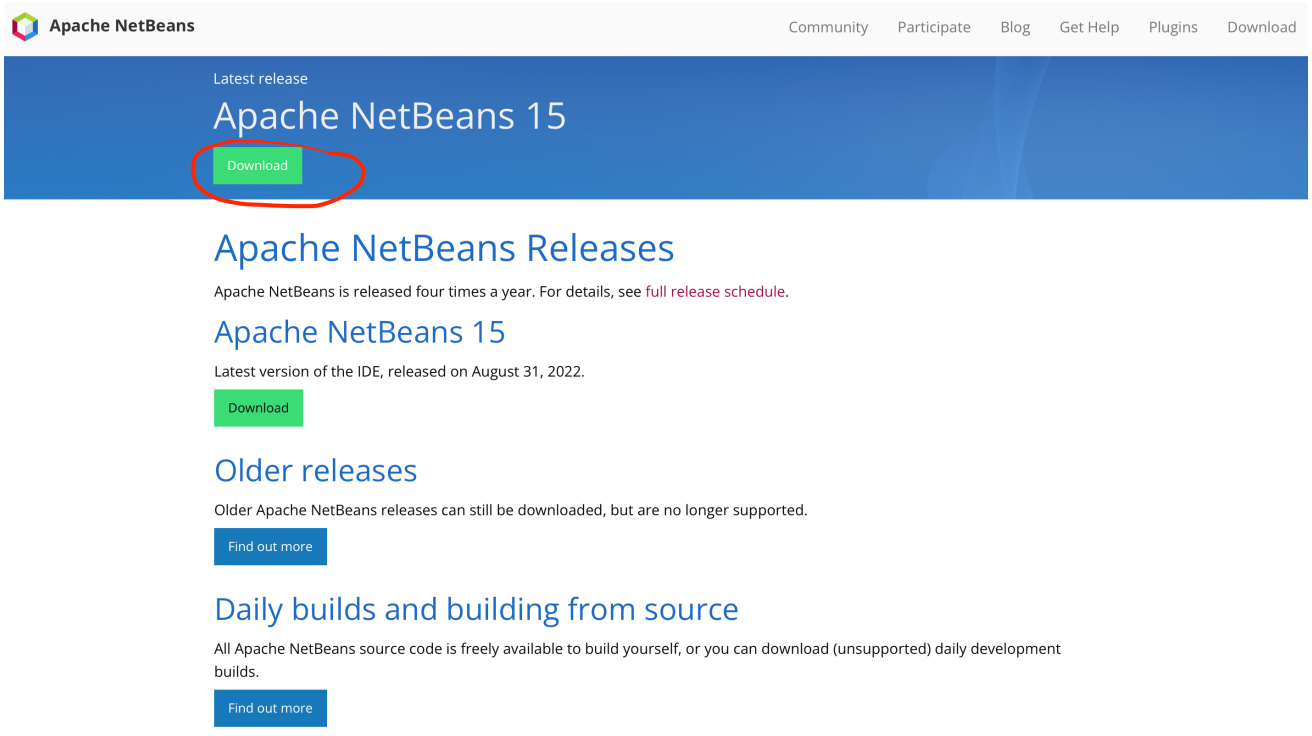
Step 0: Install JDK

To use NetBeans for Java programming, you need to first install Java Development Kit (JDK).

Step 1: Download

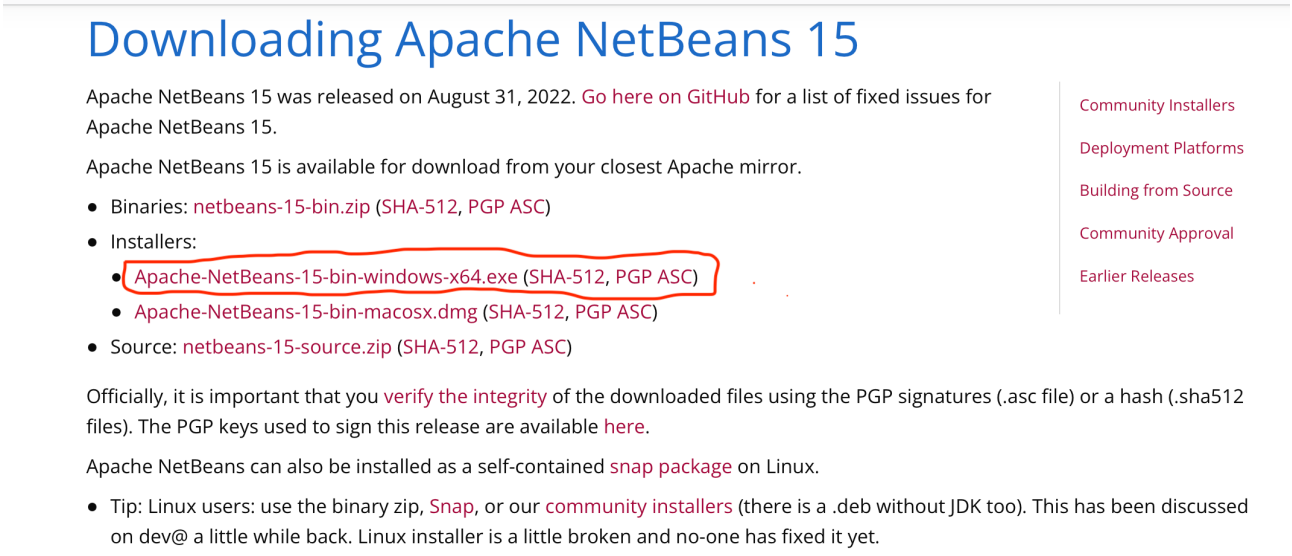
Download "NetBeans 15" installer from Link:
http://netbeans.org/downloads/index.html.

Click the 'Download' button for **NetBeans 15**



b. In the page, make sure to download the Windows 64-bit version of NetBeans:

(For Mac, download the macosx.dmg version)



Step 2: Run the Installer

Run the downloaded installer.

Writing a Hello-world Java Program in NetBeans

Step 0: Launch NetBeans

Launch NetBeans. If the "Start Page" appears, close it by clicking the "cross" button next to the "Start Page" title.

Step 1: Create a New Project

For each Java application, you need to create a "*project*" to keep all the source files, classes, and relevant resources.

1. From "File" menu ⇒ Choose "New Project...".
2. The "Choose Project" diglog pops up ⇒ Under "Categories", choose "Java" ⇒ Under "Projects", choose "Java Application" ⇒ "Next".
3. The "Name and Location" dialog pops up ⇒ Under "Project Name", enter "MyFirst" ⇒ In "Project Location", select a suitable directory to save your works ⇒ Uncheck "Use Dedicated Folder for Storing Libraries" ⇒ **check "Create Main class"** ⇒ Finish.

Step 2: Write a Hello-world Java Program

(If you check “Create Main class” when you create the project you have “MyFirst” java class created automatically)

```
1. public class Myfirst {
2.     public static void main(String[] args) {
3.         System.out.println("Hello, world");
4.     }
}
```

Step 3: Compile & Execute

There is no need to "compile" the source code in NetBeans explicitly, as NetBeans performs the so-called *incremental compilation* (i.e., the source statement is compiled as and when it is entered).

To run the program, right-click anywhere in the source (or from the "Run" menu) ⇒ Run File. Observe the output on the output console.

Notes:

- You should create a NEW Java project for EACH of your Java application.
- Nonetheless, NetBeans allows you to keep more than one programs in a project, which is handy for writing toy programs (such as your tutorial exercises). To run a particular program, open and right-click on the source file ⇒ Run File.