

How to Install the JDK (Java Development Kit) on a Mac

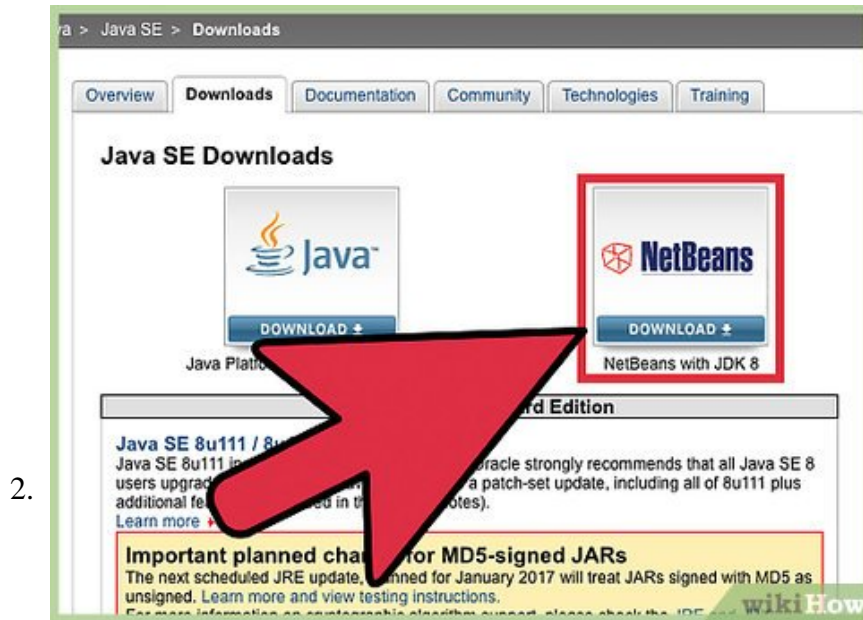
Installing the Java Development Kit (JDK) on your Mac will allow you to write and compile Java applications. Installation of the JDK is very straightforward, and includes a development environment called NetBeans. You'll be using NetBeans...

Part 1 of 2:

Installing JDK

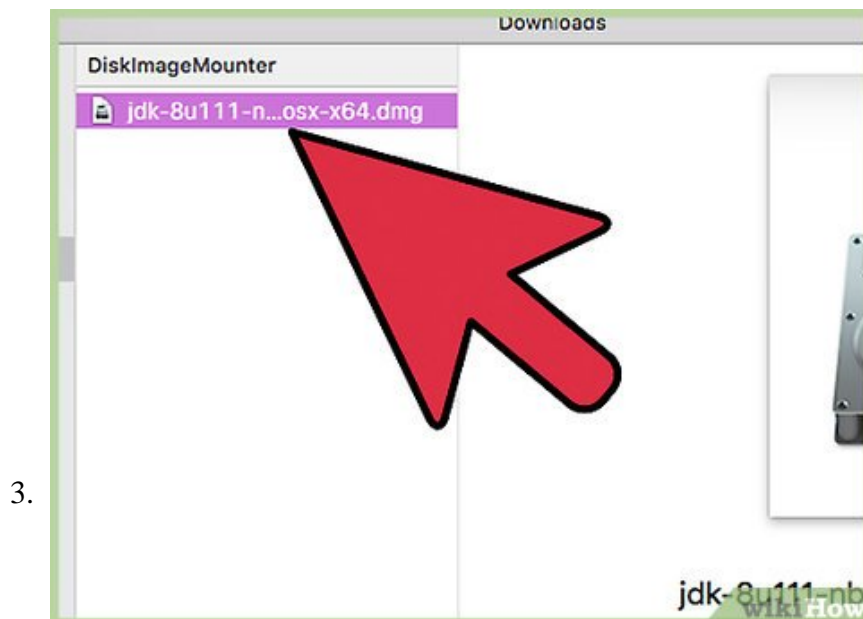


Visit the JDK download page. Open your web browser and visit oracle.com/downloads/index.html.



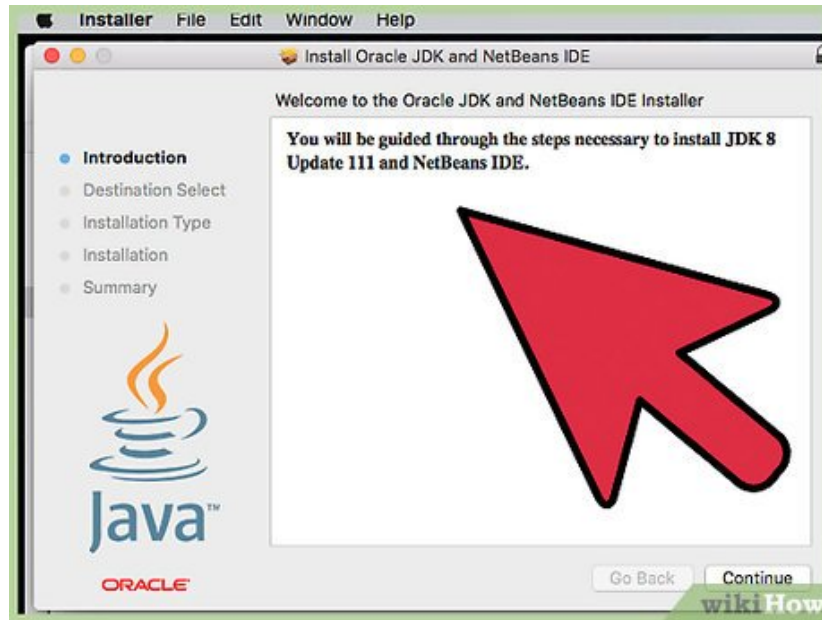
Download the JDK installer. Once you're on the Downloads page, you'll need to navigate to the installer files:

1. Click the "Java" option.
2. Click "Java SE."
3. Click the "Download" button next to "JDK 8 with NetBeans."
4. Select "Accept License Agreement" and then click the download link for "Mac OS X" in the top section. This is the most recent release of the Java SDK with the NetBeans development environment.



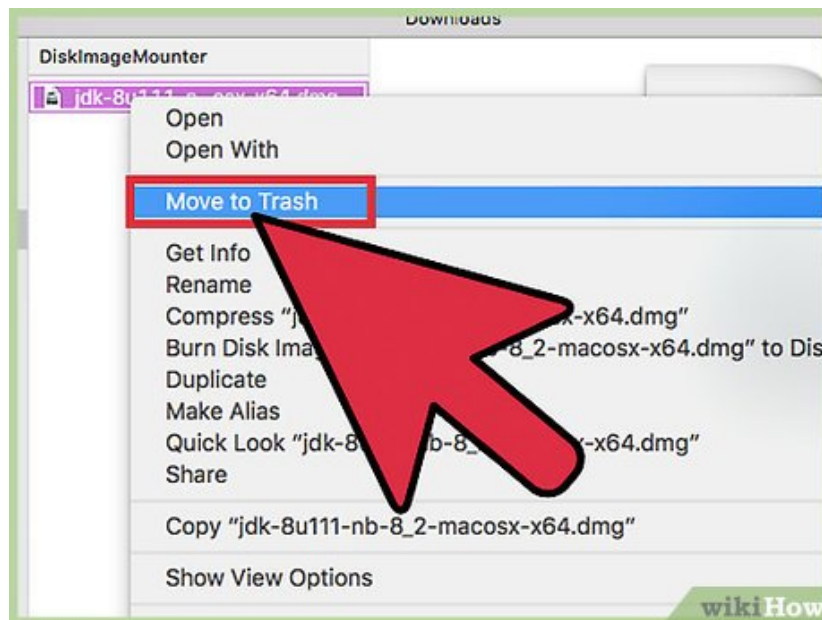
Double-click the downloaded installer. The installer is in .dmg format. Double-clicking it will open the installation interface.

4.



Follow the prompts to install the JDK. You'll be asked to enter your administrator password before installation can proceed.

5.



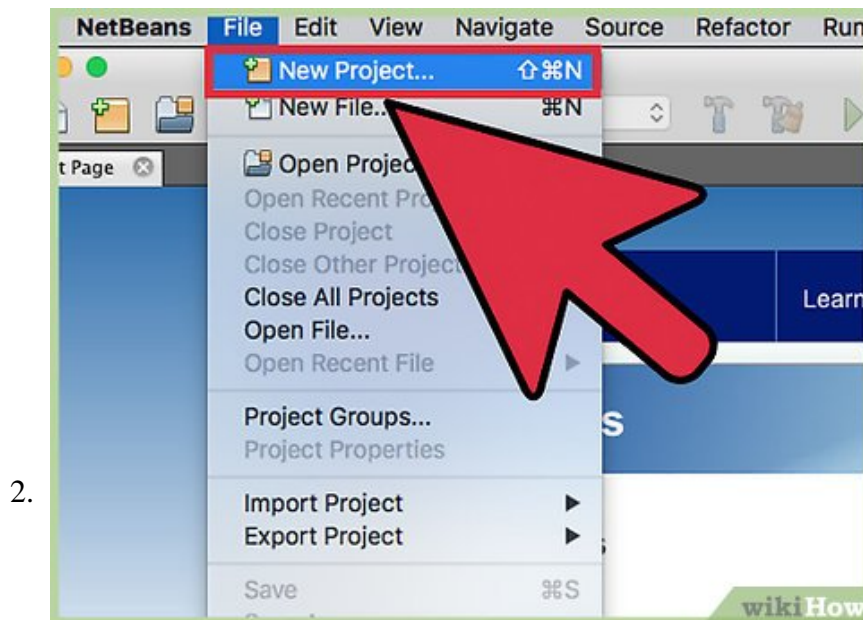
Delete the DMG file after installation (optional). This will help you save on disk space, since you don't need it after the JDK has been installed.^[1]

Part 2 of 2:

Creating Your First Program

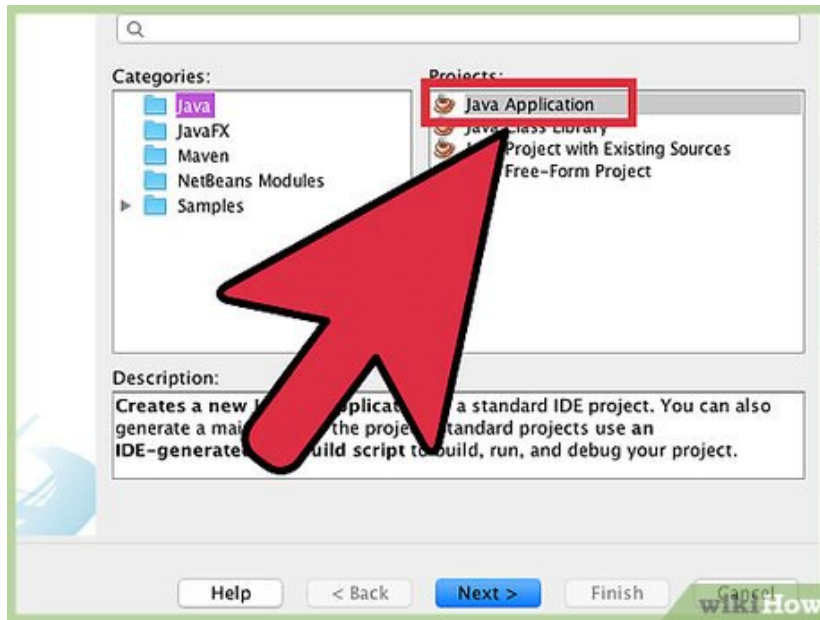


Open NetBeans from the Applications folder. This is the development environment for Java, and will allow you to easily write and compile code.



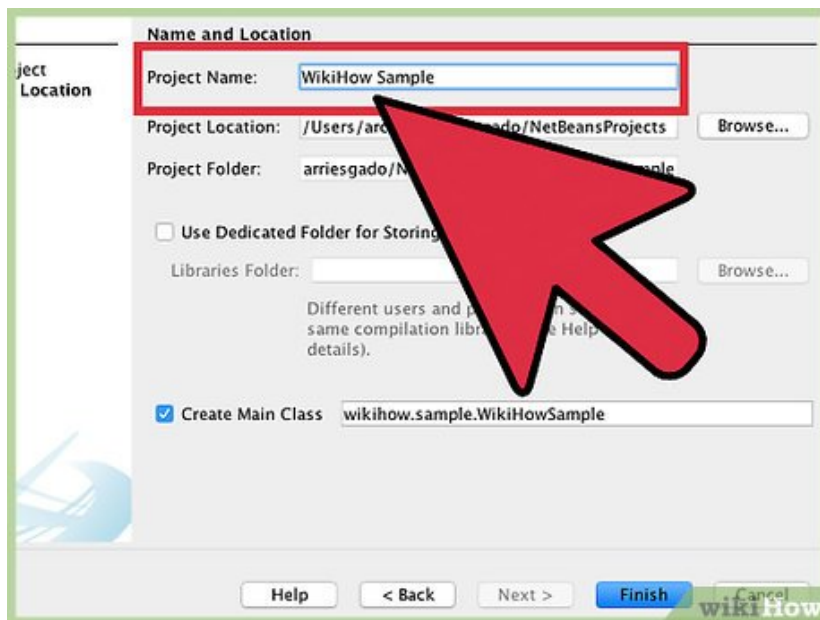
Click File and select "New Project." This will start a new project in NetBeans.

3.



Select the "Java" category and the "Java Application" project. This will set NetBeans to create Java files for this project.


4.



Give the project a name and click "Finish." For this example, call it "HelloWorld." This will open the code editor after the project is created.

5.

```
1  */
2  public class WikiHowSample {
3
4      /**
5       * @param args the command line arguments
6       */
7      public static void main(String[] args) {
8          // TODO code application goes here
9      }
10
11 }
12
```




wikiHow

Find the "`// TODO code application goes here`" line. Your program code will go underneath this line.

6.

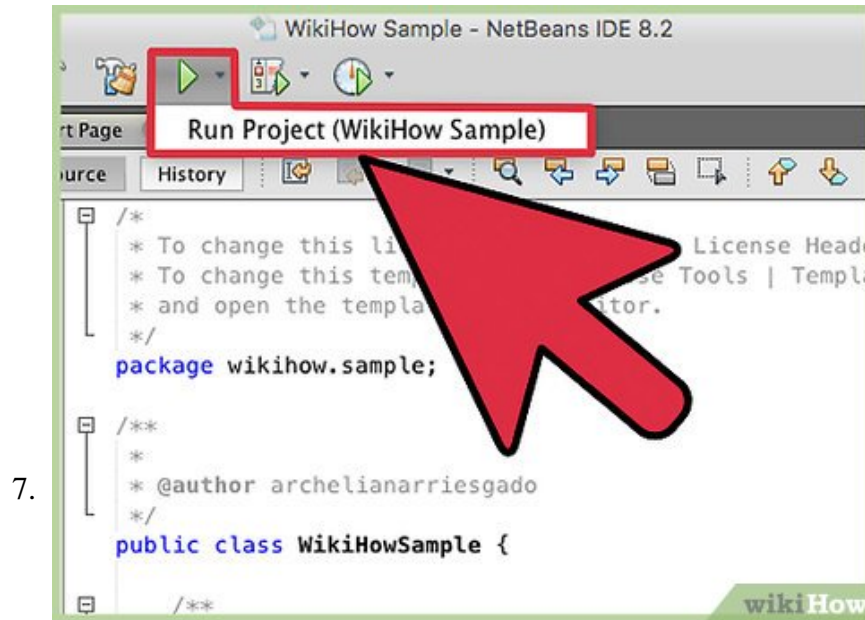
```
14  /**
15   * @param args the command line arguments
16   */
17  public static void main(String[] args) {
18      // TODO code application goes here
19      System.out.println("Hello World!");
20  }
21
22 }
23
```



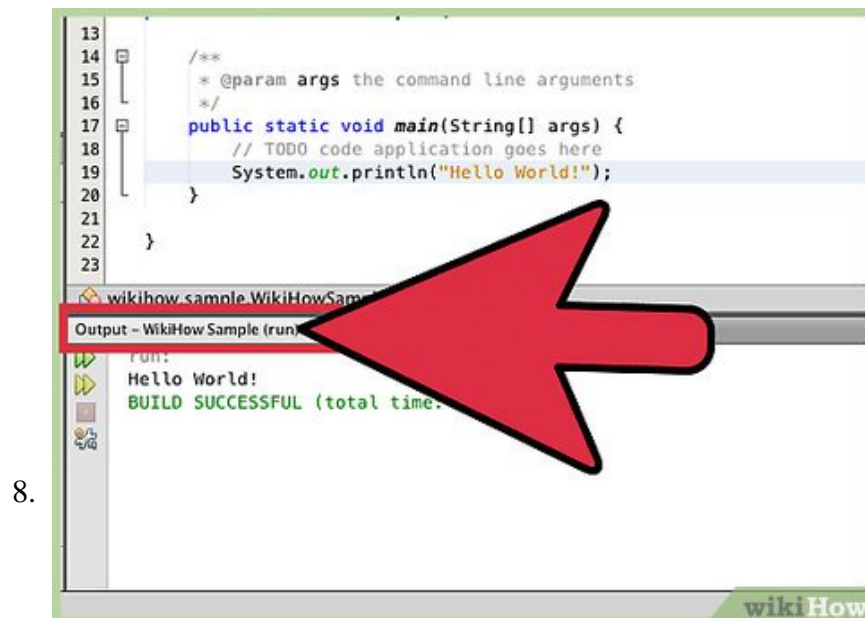
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Enter your program code on a new line. Press `? Return` after the "`// TODO code application goes here`" line to create a new line with the same indentation. Type the following code:

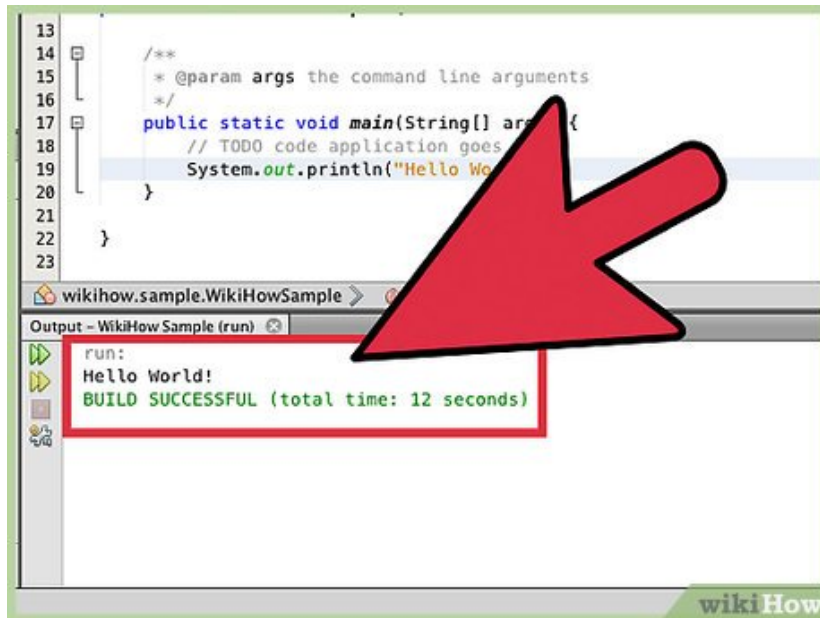
```
System.out.println("Hello World!");
```



Click the "Run Project" button. This looks like a green Play button, and can be found in the toolbar.



Check the Output tab to see your project in action. This frame will appear at the bottom of your screen after running the project.



9.

Fix any errors. If the project doesn't have any errors, you'll see "Hello World!" and "BUILD SUCCESSFUL" in the Output tab. If there are errors, you'll see which lines they occur on so that you can go back and fix them.^[2]



10.

Continue learning Java. Now that you have the JDK installed and working, you can continue learning to program in Java. See [Write Your First Program in Java](#) for more beginner guides.

You finished reading the article "**How to Install the JDK (Java Development Kit) on a Mac**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.