

How to Determine Java Version

Multiple copies of Java can be installed on a single computer, and, if you have more than one browser, every one of them could be using a different version or none at all. You can determine your Java version by verifying it on the Java...

Method 1 of 4:

Verifying Online



Open a new window in your web browser and click here to navigate to Java's website. Oracle, the makers of Java, have provided an easy page that will check your Java installation and report the exact version you're running. This can be done from any operating system.



2.



Click the "Verify Java Version" button to get started.



3.



If prompted by your browser's security program, allow Java to confirm your version.

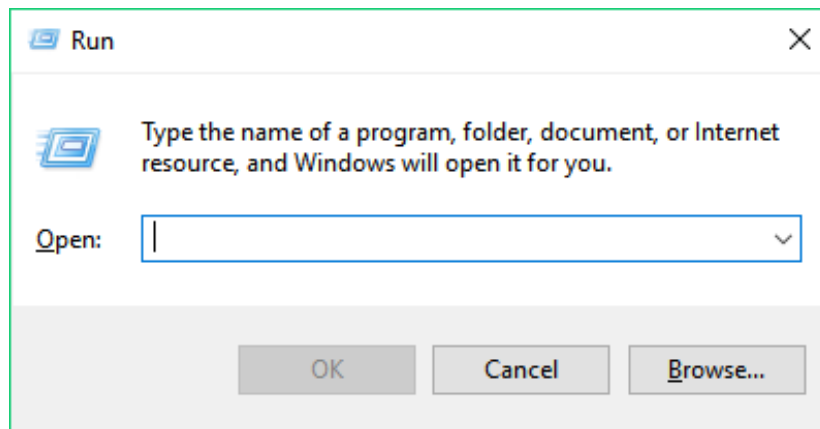


After a few seconds, check the results! This will include the Version number as well as the Update number. The version number is most important if you're checking for compatibility with other programs.

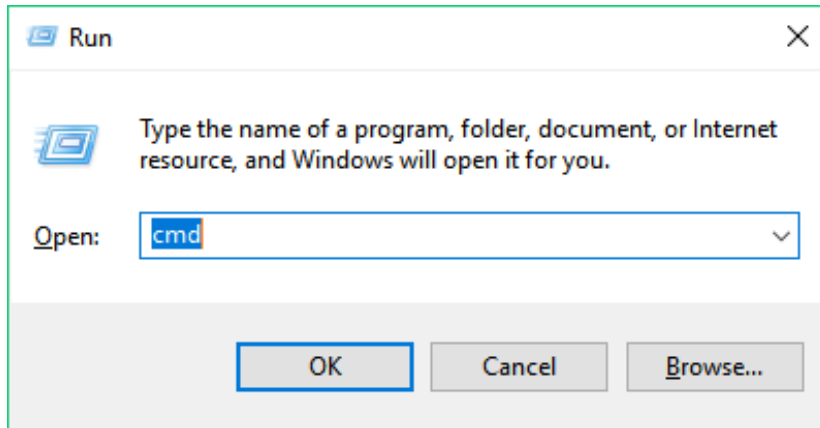
Method 2 of 4:

Windows

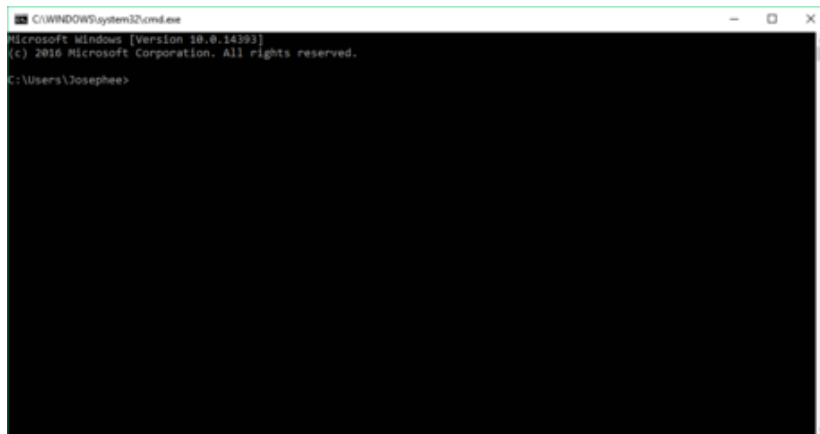
1. Hold down **Win** and press **R**. This should bring up a small window.



2. Type **cmd** into the box and the press **OK**.

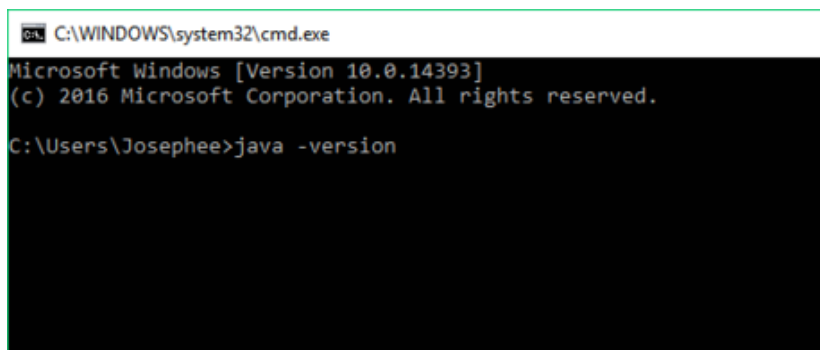


3.



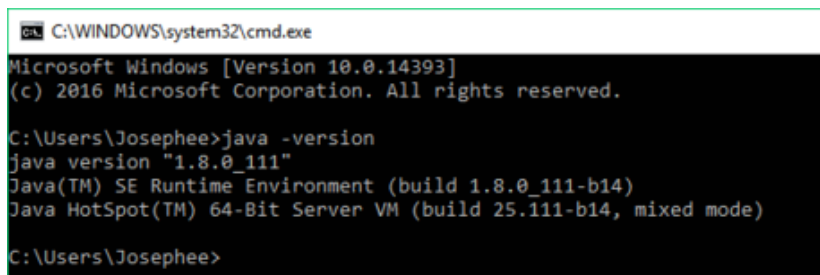
Wait for a black window with white text to appear on your screen. This is called a "console window."

4.



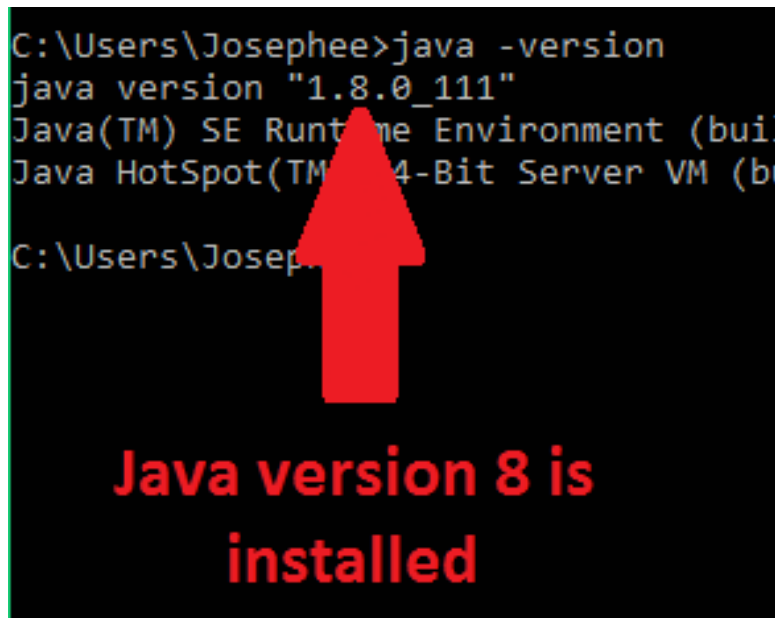
Type `java -version` in the console window and press ? Enter.

5.



See what version you have. If Java is installed on your computer, the output will be listed in the console.

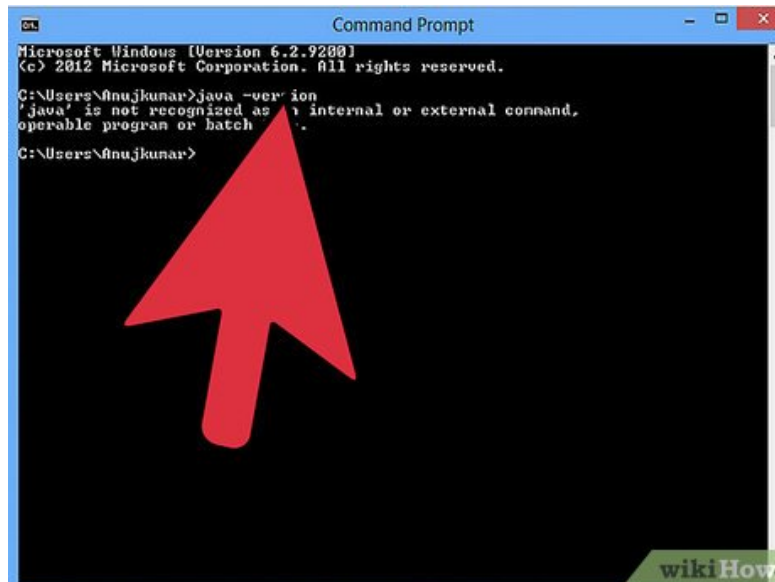
1. You can tell what version of Java you have by looking at the number after the "1." in the first line of the console output. In this example, the user has Java 8 installed.



```
C:\Users\Josephee>java -version
java version "1.8.0_111"
Java(TM) SE Runtime Environment (build
Java HotSpot(TM) 64-Bit Server VM (bu
C:\Users\Josep
```

Java version 8 is installed

2. If Java is *not* installed on your computer, the output will contain an error message similar to this one: 'java' is not recognized as an internal or external command, operable program or batch file.



```
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Users\Anujkumar>java -version
'java' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Anujkumar>
```

wikiHow

Method 3 of 4:

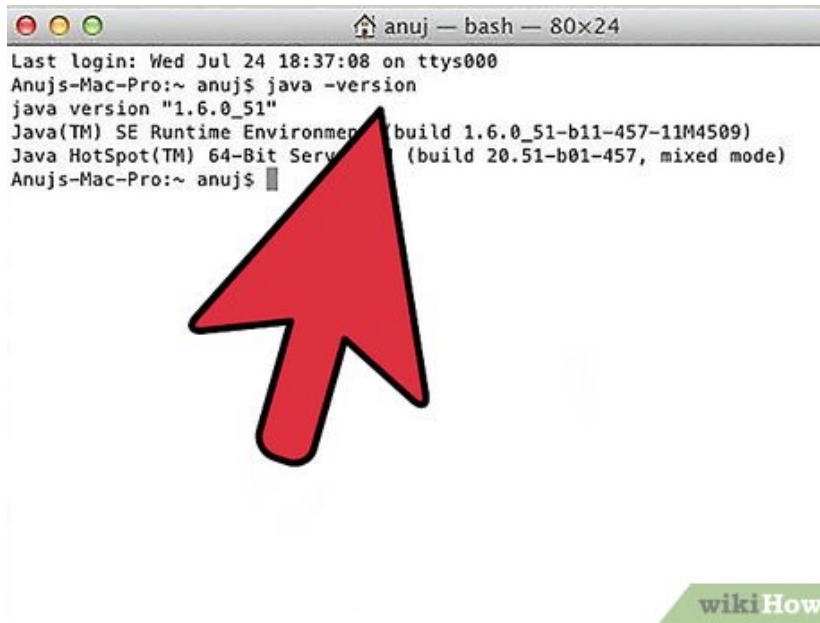
Mac OSX



Open the Hard Drive, located on the Desktop OR you may click finder menu to open Applications.



With the Hard Drive open, go into Applications, then into Utilities.

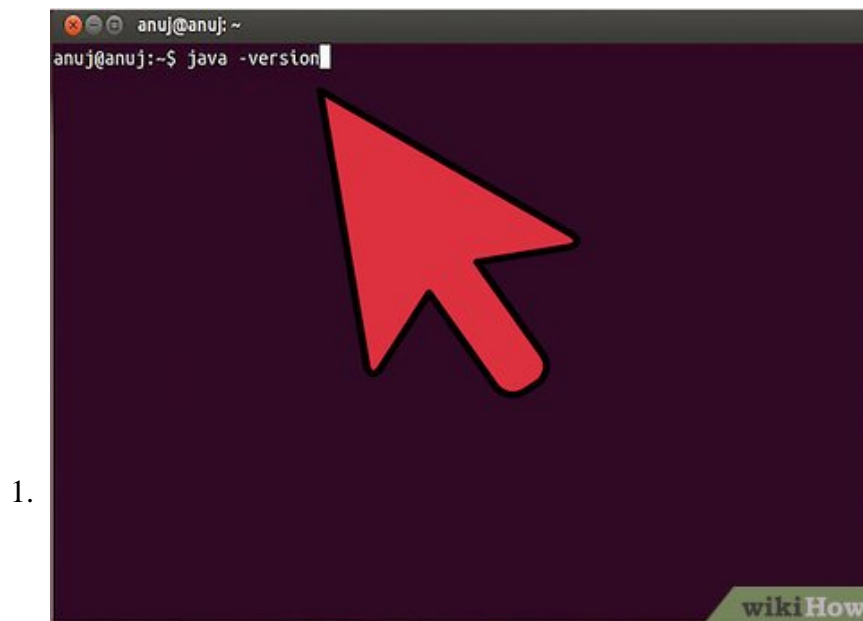


3.

With Utilities open, open the Terminal and type in "java -version", then retrieve the current java version

Method 4 of 4:

Linux



1.

Start a terminal window with the terminal window open type in "java -version"

1. This should return something like Java(TM) 2 Runtime Environment, Standard Edition (build 1.6) If it returns
-bash: java: command not found
This means that either it is not installed or you haven't set up your paths properly

2.



Use this freely available Internet tester provided by Java [1] and click the test java version button. Go to *Verify Java and Find Out-of-Date Versions*.^[2]

1. With Firefox 3 go to Tools Add-ons button and go to the Plug-ins tab.
2. With Firefox 2 or 3: In Firefox versions 2 and 3, enter in the address bar: about:plugins. If Java is installed there will be multiple Java entries.
3. With Internet Explorer 7 or 8 go to Tools select Internet Options in the General tab click on the Browsing History Settings button and select the View Objects button right click on an ActiveX control and get its properties. Each ActiveX control has a "code base" and for each of the Java entries it will display the version number.

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