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| **Running a Java Program from *Command Prompt***   * Create a temporary folder C:\mywork.  Using *Notepad* or another text editor, create a small Java file HelloWorld.java with the following text: * public class HelloWorld * { * public static void main(String[] args) * { * System.out.println("Hello, World!"); * }   }  Save your file as HelloWorld.java in C:\mywork.  To make sure your file name isHeloWorld.java, (not HelloWorld.java.txt), first choose "Save as file type:" **All files**, then type in the file name **HelloWorld.java**.   * Run *Command Prompt* (found under All Programs/Accessories in the Start menu).  Type   **C:\> cd \mywork**  This makes C:\mywork the current directory.  **C:\mywork> dir**  This displays the directory contents.  You should see HelloWorld.java among the files.  **C:\mywork> set path=%path%;C:\Program Files\Java\jdk1.8.0\_51\bin**  (use the JDK folder for the version installed on your system).  This tells the system where to find JDK programs.  **C:\mywork> javac HelloWorld.java**  This runs javac.exe, the compiler.  You should see nothing but the next system prompt...  **C:\mywork> dir**  *javac* has created the HelloWorld.class file.  You should see HelloWorld.java andHelloWorld.class among the files.  **C:\mywork> java HelloWorld**  This runs the Java interpreter.  You should see the program output:  Hello, World!  If the system cannot find *javac*, check the set path command.  If *javac* runs but you get errors, check your Java text.  If the program compiles but you get an exception, check the spelling and capitalization in the file name and the class name and the java HelloWorldcommand.  Java is case-sensitive!   * It is possible to make the path setting permanent but you have to be very careful because your system might crash if you make a mistake. Proceed with extreme caution!   Go to Control Panel, choose "System," click on the "Advanced system settings" link, click on the "Environment variables" button. In the lower list, "System variables," click on Path:  http://www.skylit.com/javamethods/faqs/dos-1.gif  Click "Edit" and **at the end append**  ;C:\Program Files\Java\jdk1.8.0\_51\bin  (or the path to the appropriate folder where the latest version of JDK is installed).  Do not put spaces before the appended path string.  Click OK on the path edit box and OK on the Ennvironment Variables box.  The new setting will go into effect next time you run *Command Prompt*. |