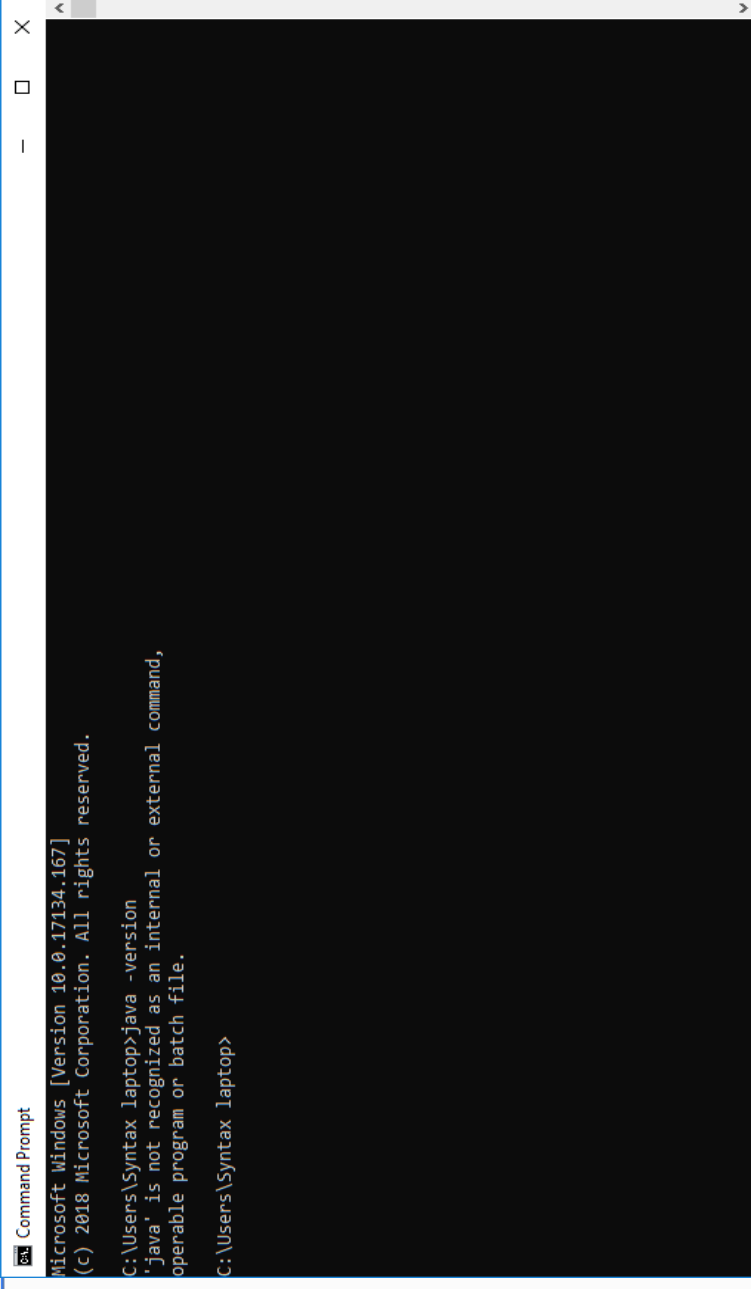


JAVA Installation For Windows

Java Installation:

Check if you have Java installed already

1. Running the command
prompt `java -version` from
the command line



```
Microsoft Windows [Version 10.0.17134.167]
(c) 2018 Microsoft Corporation. All rights reserved.

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

C:\Users\Syntax Laptop>
```

Java Installation:

If you do not have JAVA installed already

1. Ahead to the oracle website
<https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
2. Click the appropriate link to download (Windows or Mac Java SE Development Kit 8u201)
3. This is a YOUTUBE link for setting up your environment
<https://www.youtube.com/w>

JAVA 8U201 CHECKSUM

Java SE Development Kit 8u201

Oracle Binary Code License Agreement for Java SE to download this software.

☒ Accept License Agreement ☐ Decline License Agreement

Click Accept

| Product / File Description | File Size | Download |
|-------------------------------------|-----------|---|
| Linux ARM 32 Hard Float ABI | 72.98 MB | jdk-8u201-linux-arm32-vfp-hflt.tar.gz |
| Linux ARM 64 Hard Float ABI | 69.92 MB | jdk-8u201-linux-arm64-vfp-hflt.tar.gz |
| Linux x86 | 170.98 MB | jdk-8u201-linux-i586.rpm |
| Linux x86 | 185.77 MB | jdk-8u201-linux-i586.tar.gz |
| Linux x64 | 168.05 MB | jdk-8u201-linux-x64.rpm |
| Linux x64 | 182.93 MB | jdk-8u201-linux-x64.tar.gz |
| Mac OS X x64 | 245.92 MB | jdk-8u201-macosx-x64.dmg |
| Solaris SPARC 64-bit (SVR4 package) | 125.33 MB | jdk-8u201-solaris-sparcv9.tar.Z |
| Solaris SPARC 64-bit | 88.31 MB | jdk-8u201-solaris-sparcv9.tar.gz |
| Solaris x64 (SVR4 package) | 133.99 MB | jdk-8u201-solaris-x64.tar.Z |
| Solaris x64 | 92.16 MB | jdk-8u201-solaris-x64.tar.gz |
| Windows x86 | 197.66 MB | jdk-8u201-windows-i586.exe |
| Windows x64 | 207.46 MB | jdk-8u201-windows-x64.exe |

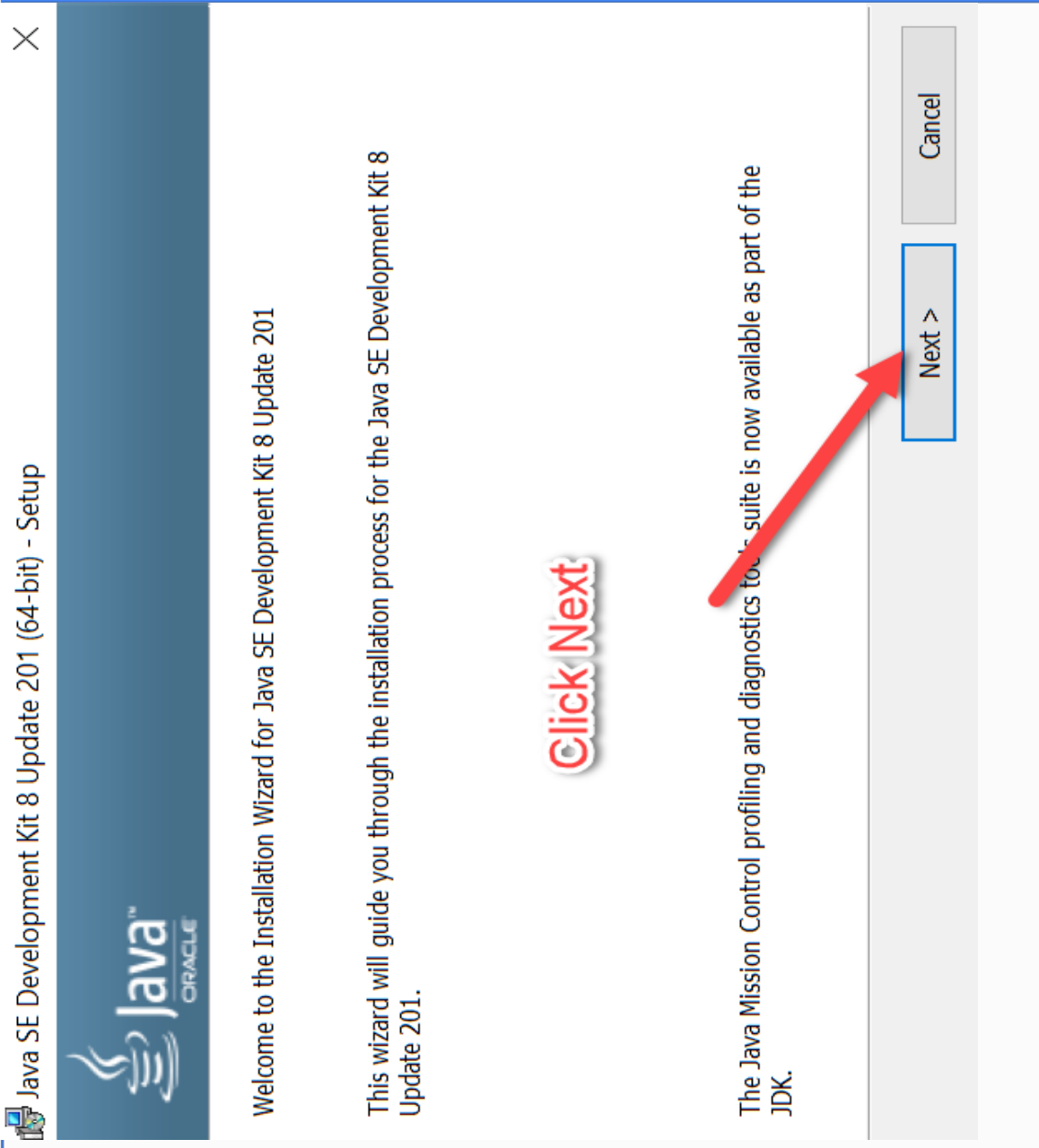
Java Installation:

1. Click on the jdk-8u201-windows-x64



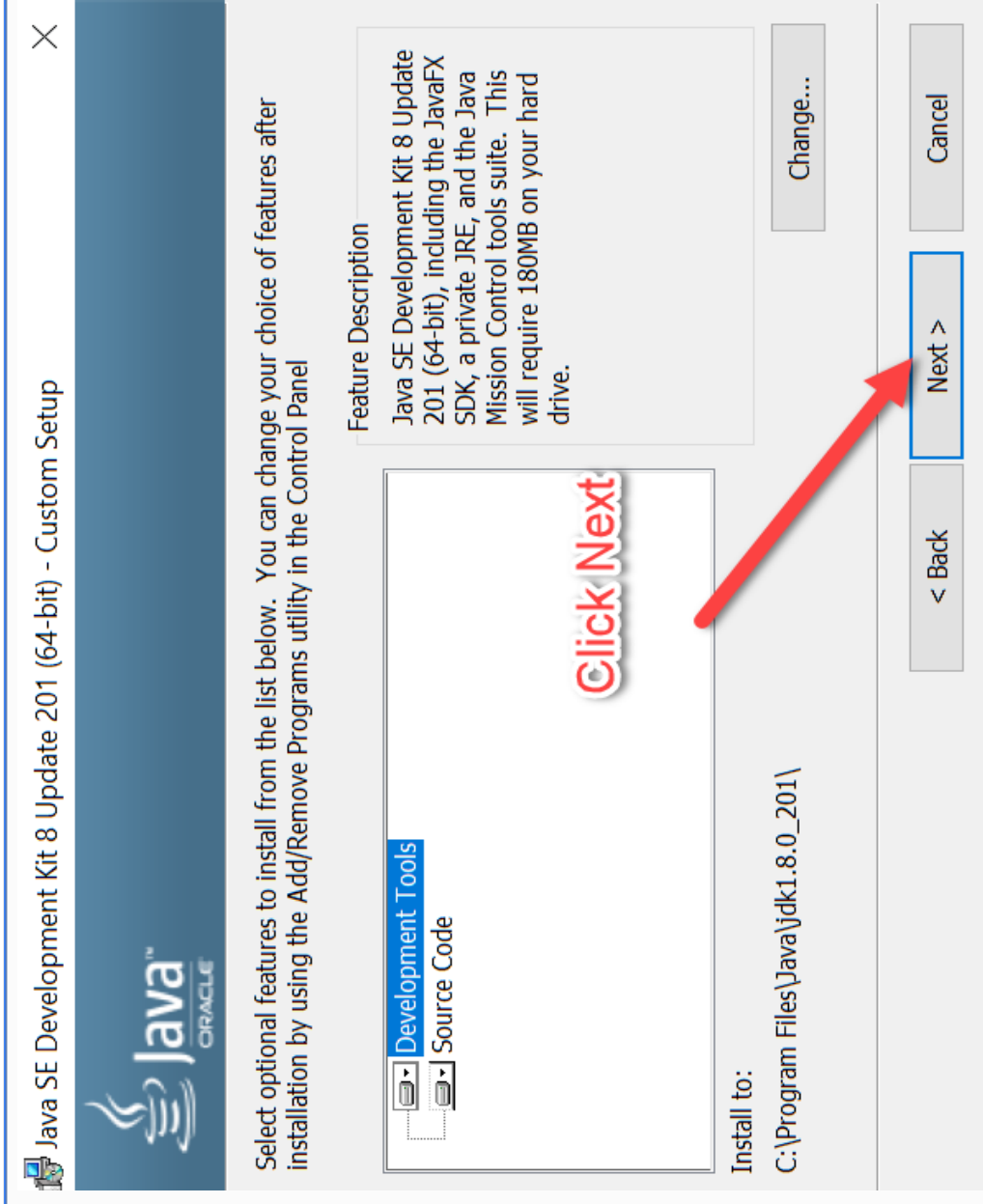
Java Installation:

1. Click On Next to move forward



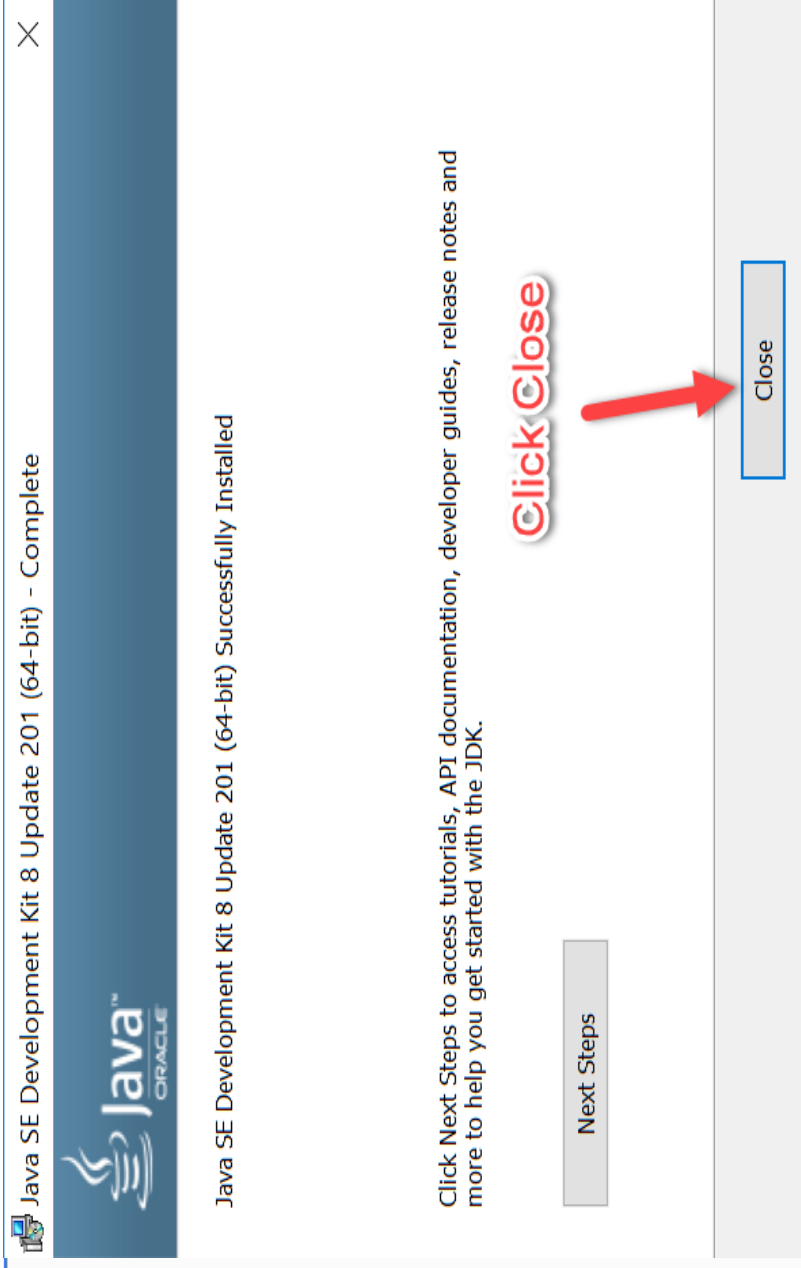
Java Installation:

1. Click on next
2. Leave the selected (Development Tools)



Java Installation:

1. Click on Close

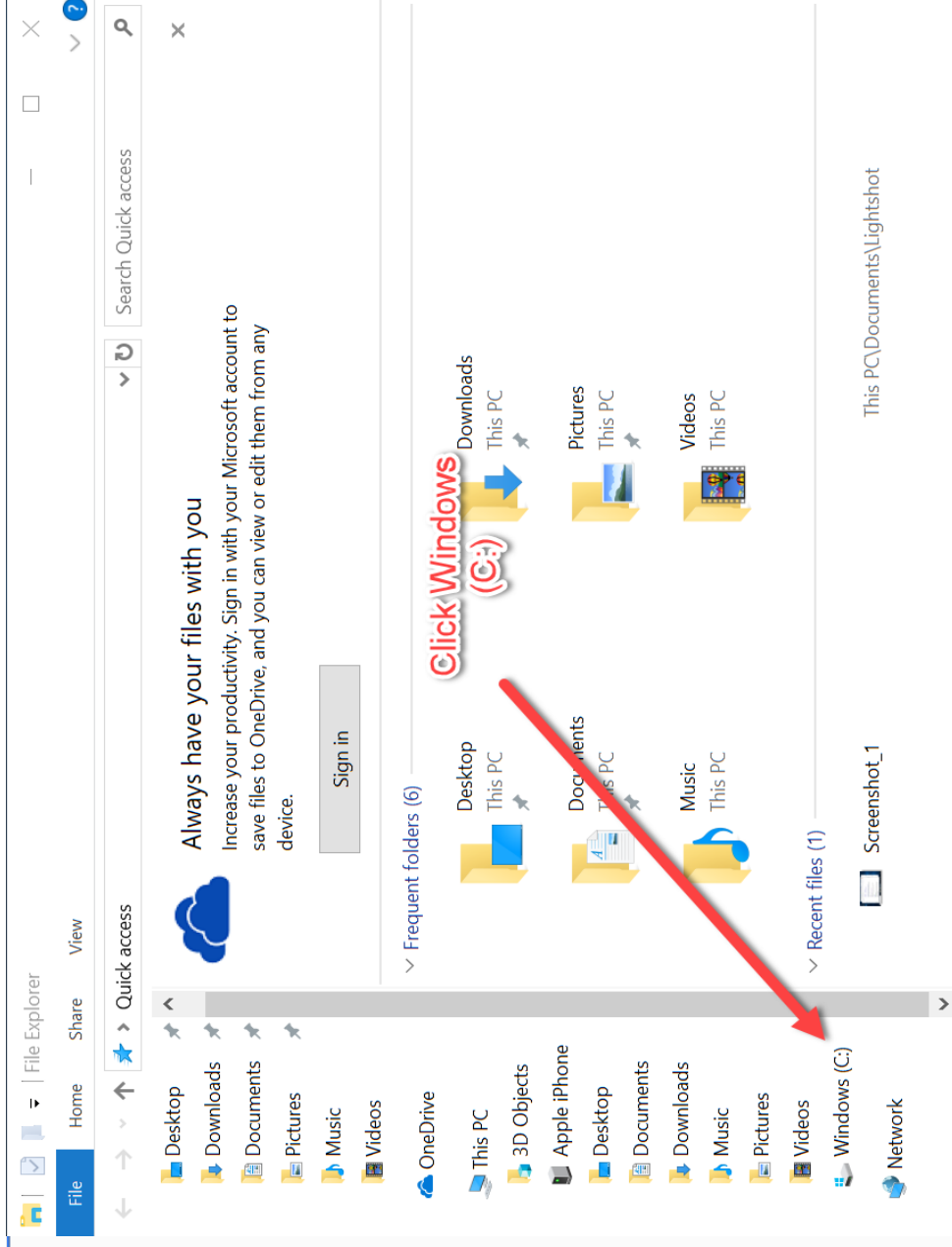


Java Path for Environment:

Important

before start you need to setup an environment variable for the system to understand where the java is pointing to!

1. Go to C:\Program Files\Java\jdk1.8.0_201\bin (copy this path from your computer)



Java Path for Environment:

1. Click on the Program Files



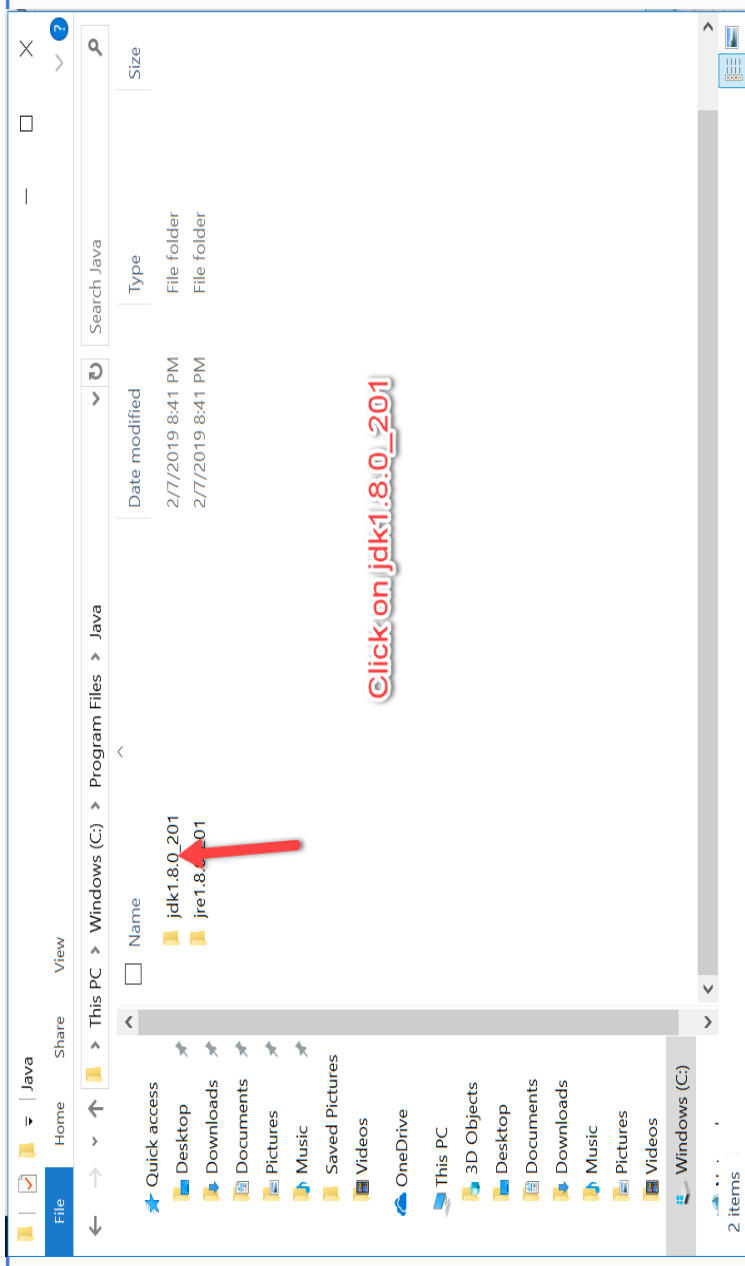
Java Path for Environment:

1. Double Click on to Java folder



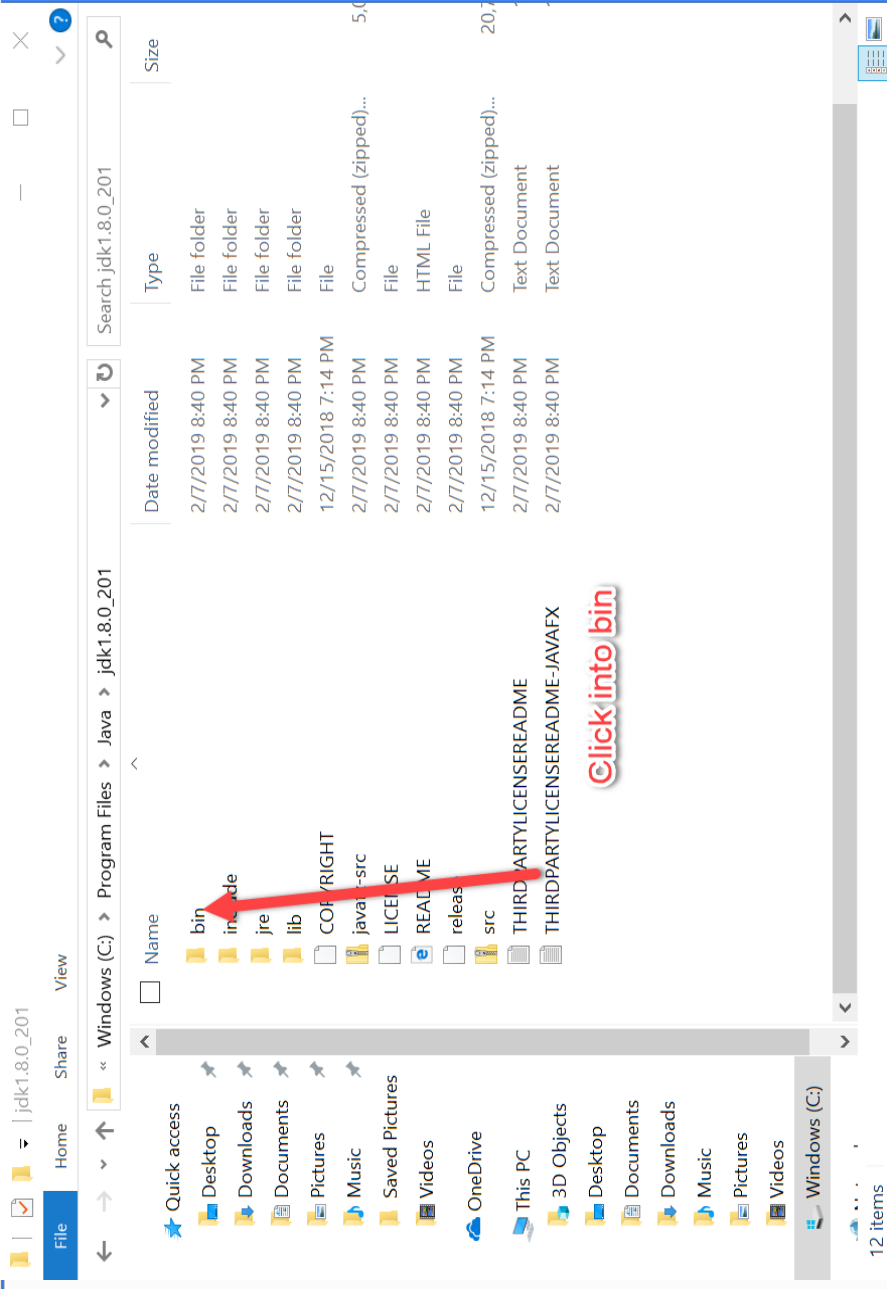
Java Path for Environment:

1. Click on jdk1.8.9_201



Java Path for Environment:

1. Click into bin folder



Java Path for Environment:

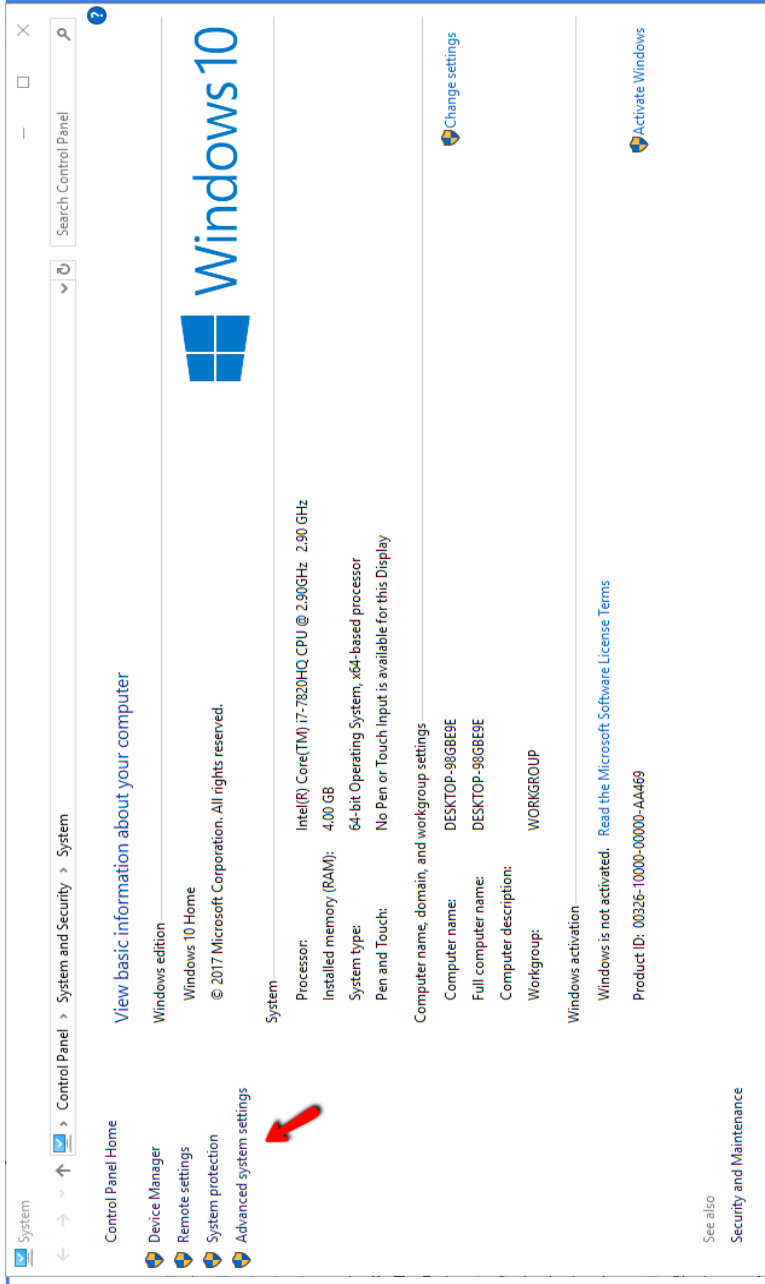
1. Click on home bar
2. Copy path of bin



Setting Environment Path for Java In your Machine

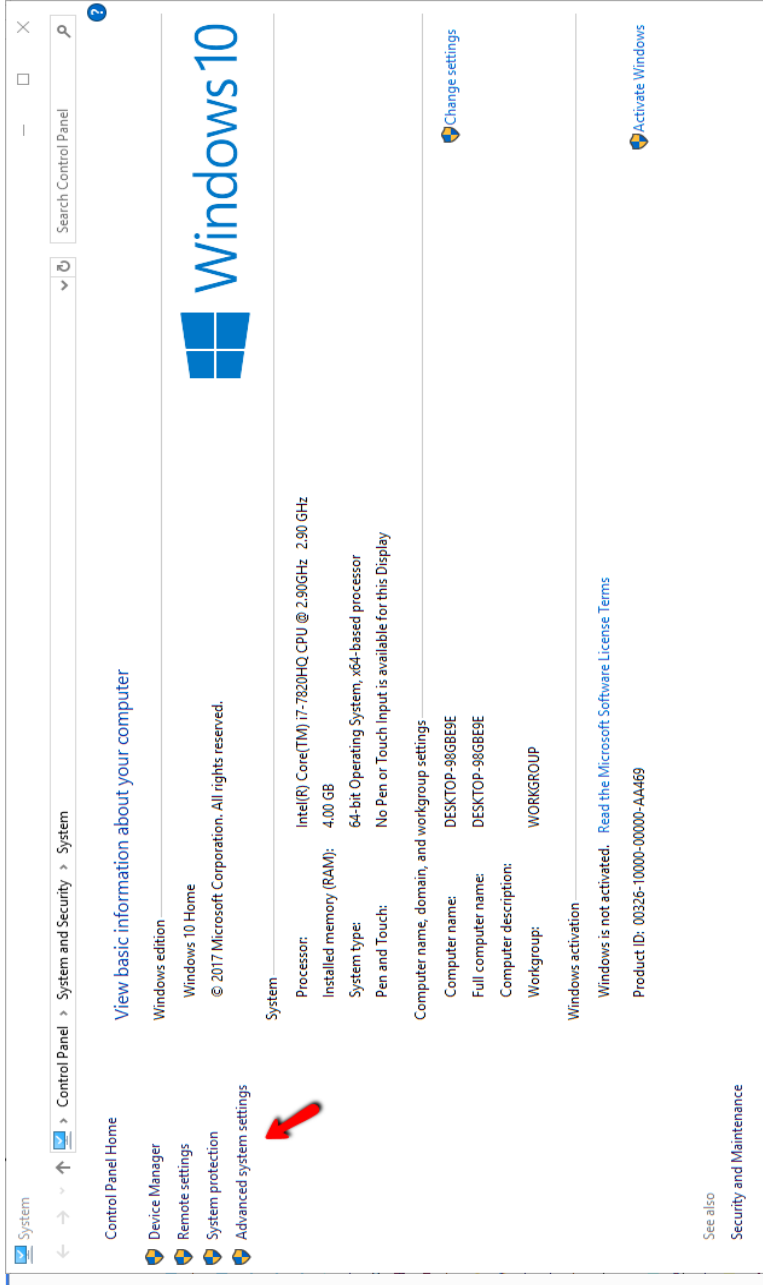
1. Go to **My Computer** properties
2. Click **Advanced System** settings
3. Click **Environment Variables**
4. Under **System Variables** look for variable **PATH**
 - a. Select **PATH**
 - b. Click to **Edit**
 - c. In the Variable

Value Type (click at the end) , type “.” and paste the JAVA link path from bin path that you copied from earlier step.



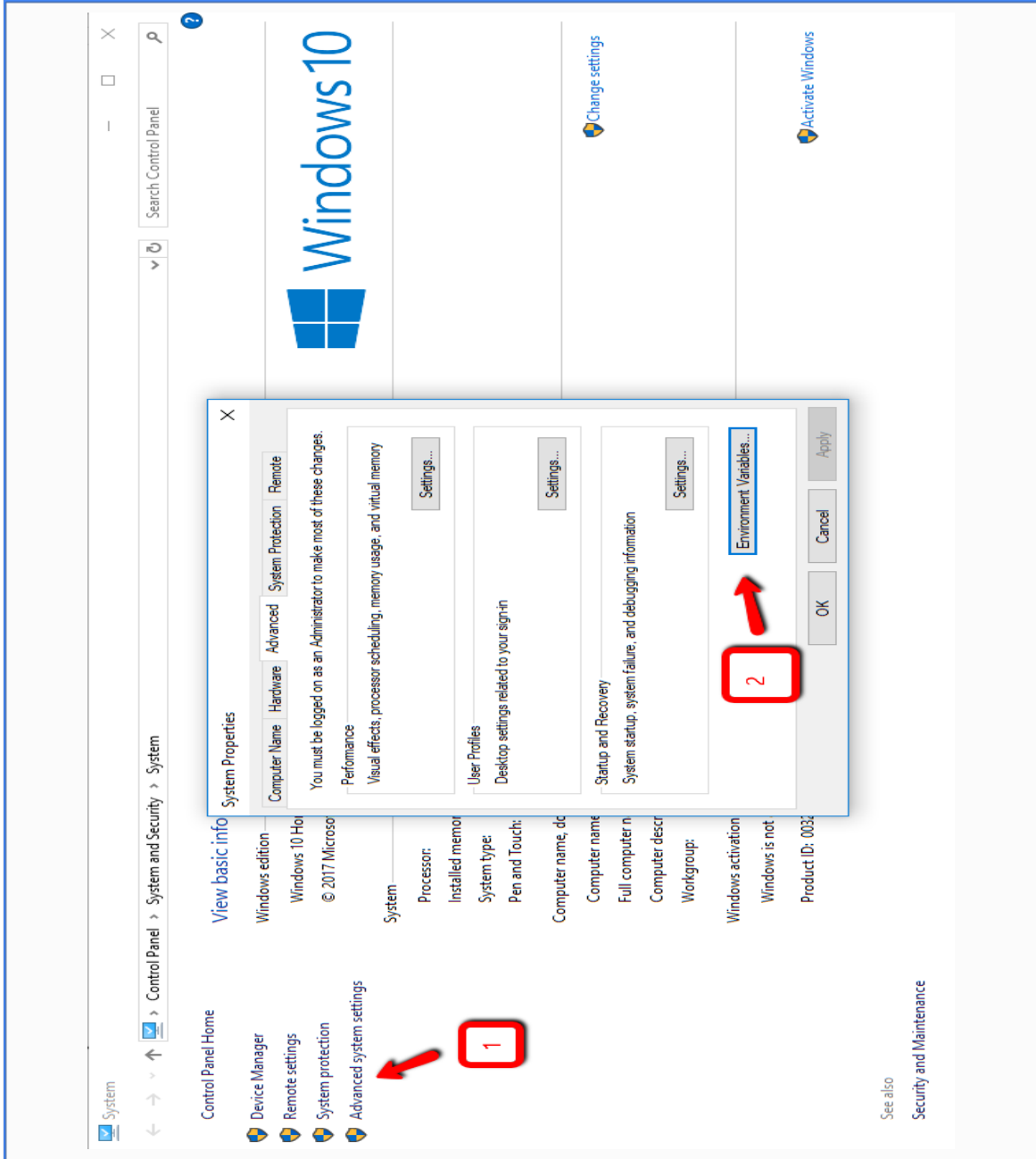
Setting Environment Path for Java In your Machine

1. Click on Advanced system settings



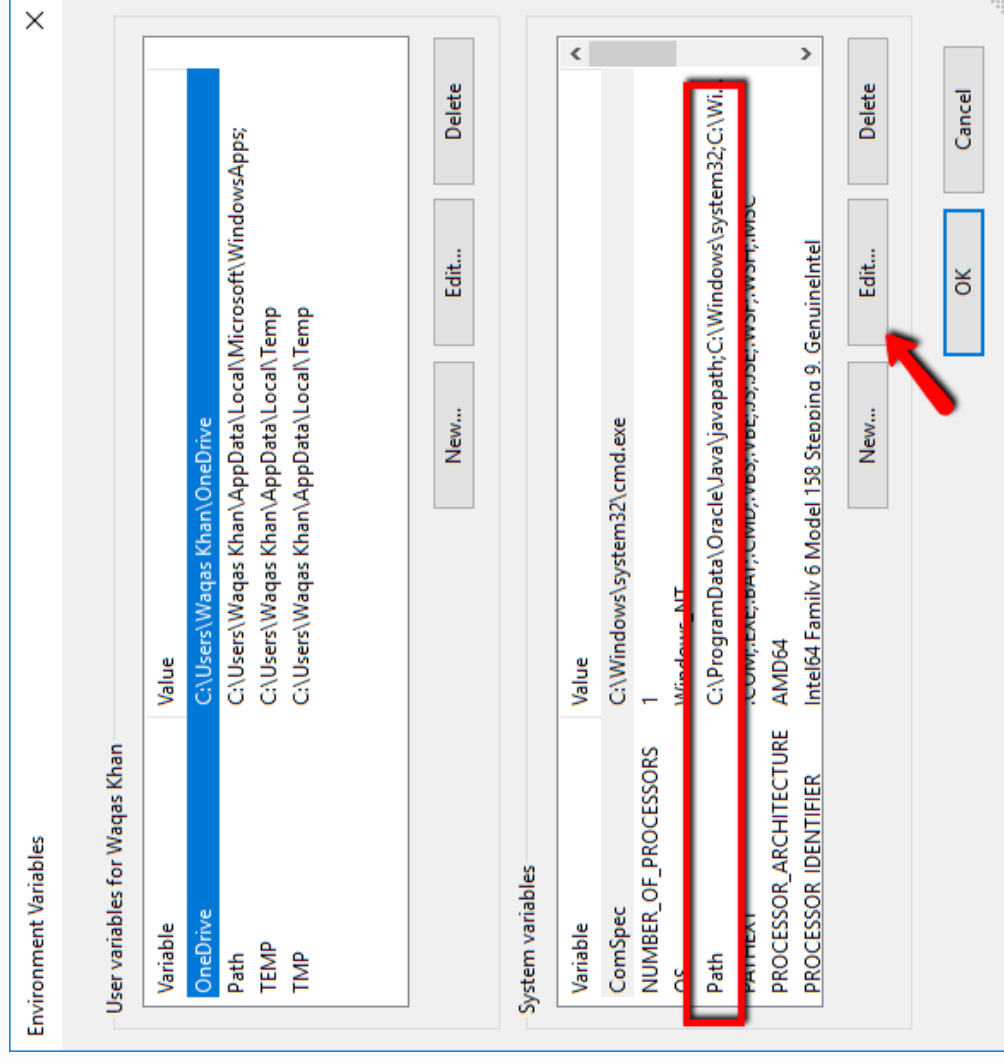
Setting Environment Path for Java In your Machine

1. When the System Properties window appear, click on the Advanced tab
2. Click on Environment Variables.



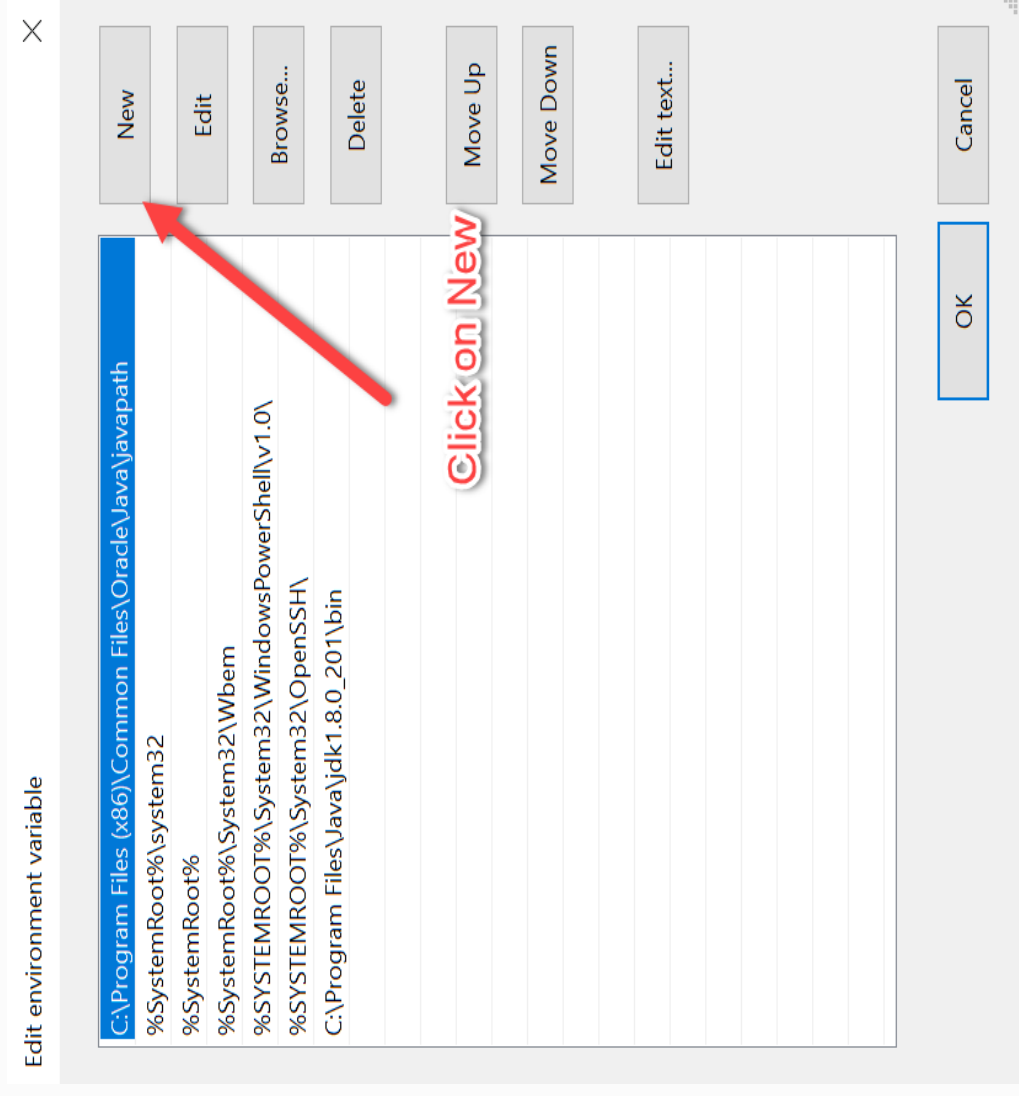
Setting Environment Path for Java In your Machine

1. Under System Variables section
click on Path
2. Once Path is selected click on
Edit



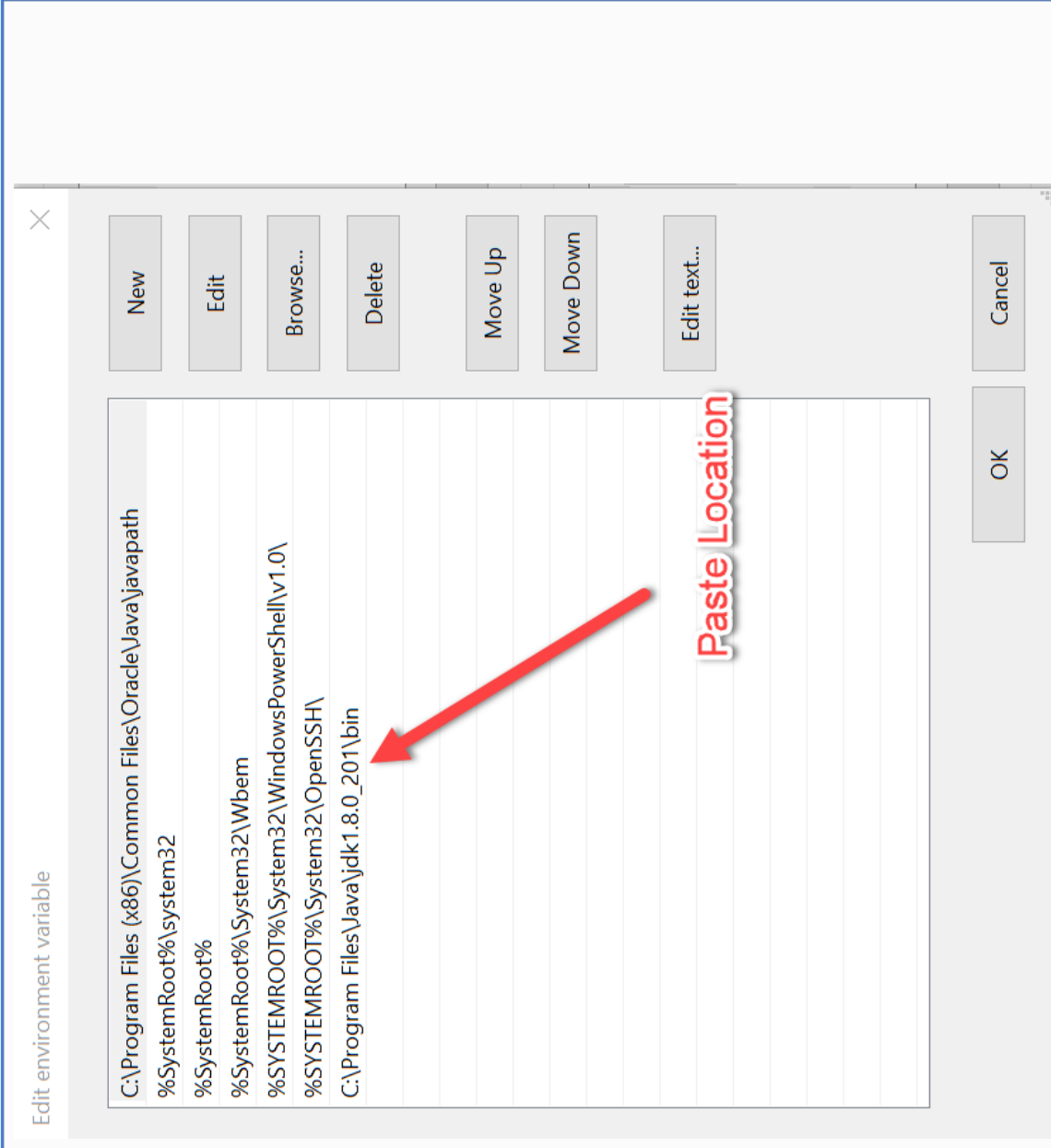
Setting Environment Path for Java In your Machine

1. Click on New



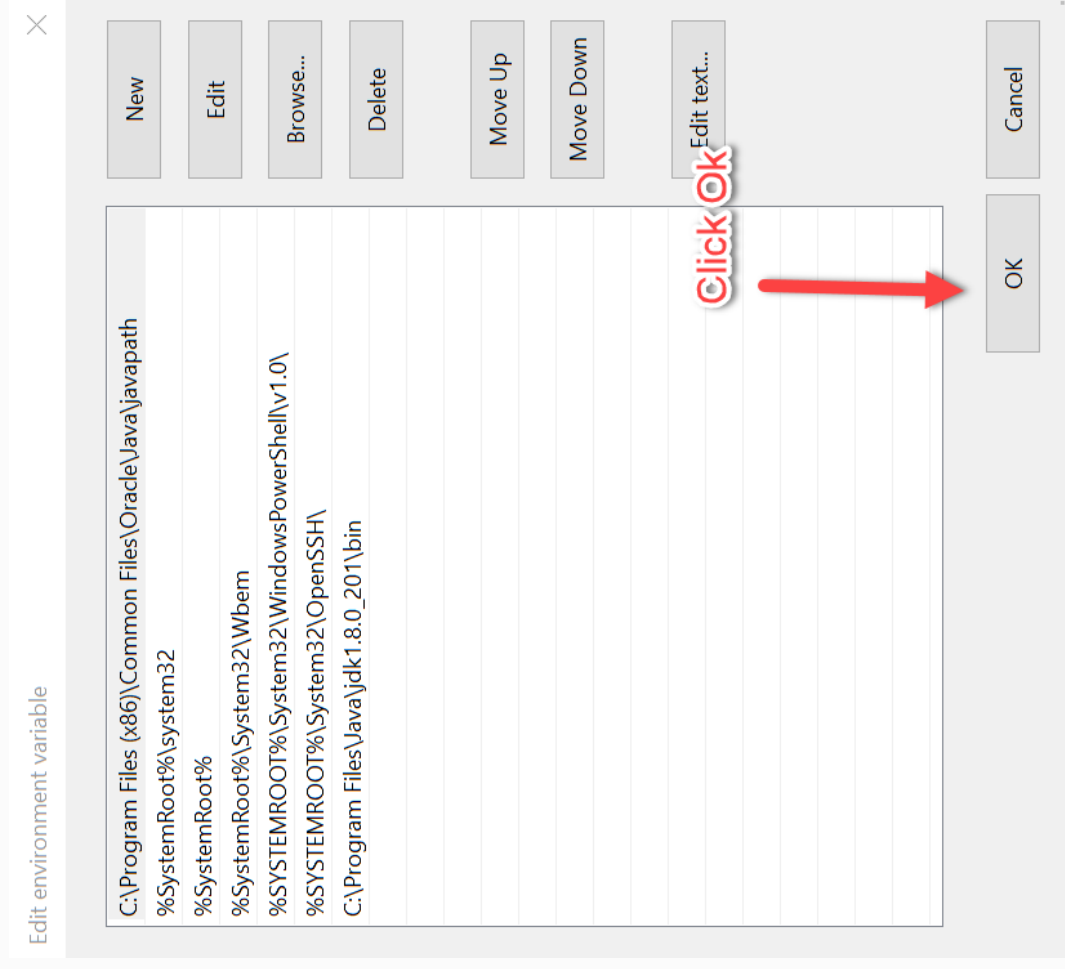
Setting Environment Path for Java In your Machine

1. After you clicked on New it will display a blank spot for you to type or paste your location. **For example:** C:\Program Files\Java\jdk1.8.0_201\bin



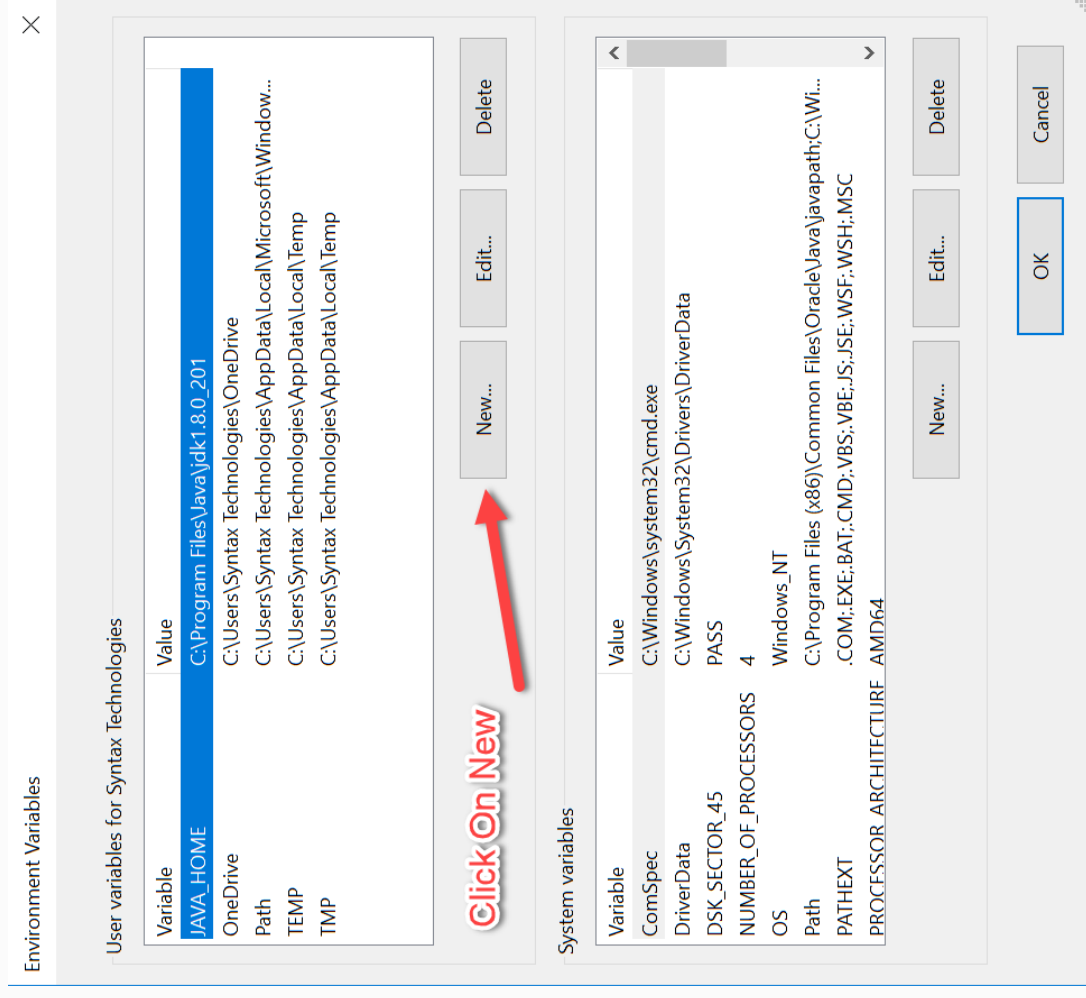
Setting Environment Path for Java In your Machine

1. Click on OK - This will save your work that you have done to set your environment variable.



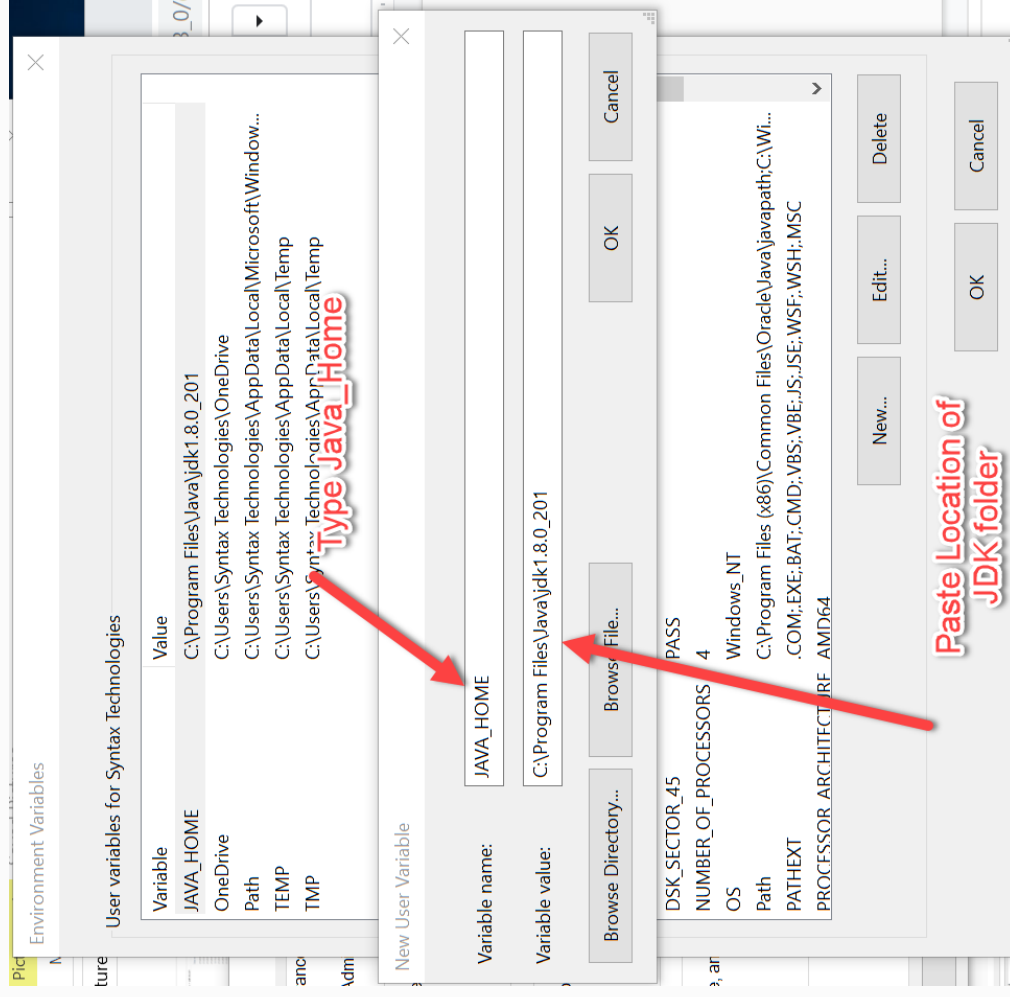
Setting Environment Path for Java In your Machine

1. Click on New, Under User variable.



Setting Environment Path for Java In your Machine

1. Type JAVA_HOME within the Variable name section. **Must be in All CAPS**
2. Paste the JDK folder path in Variable Value section. As you can see it does not show bin

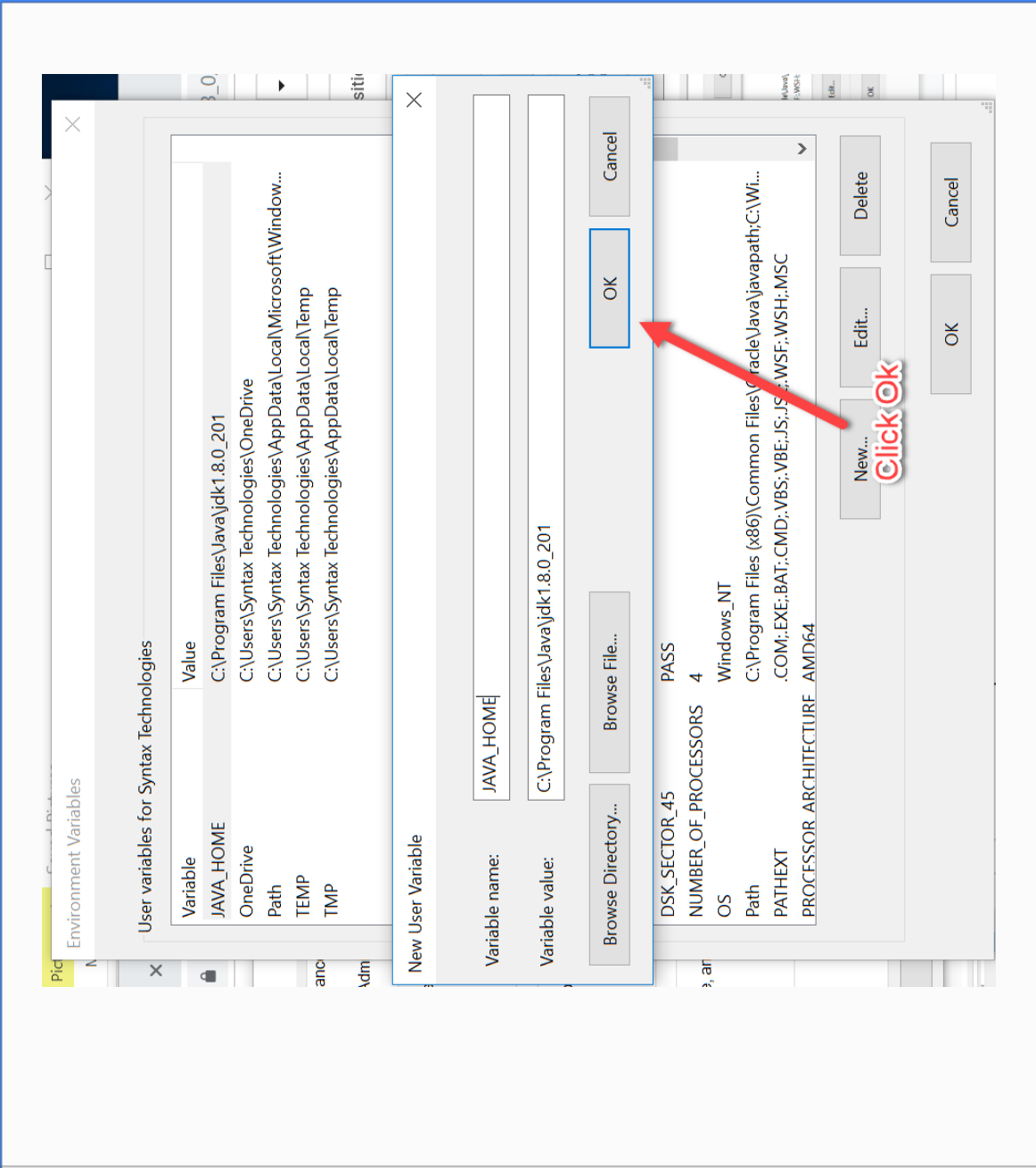


Setting Environment Path for Java

In your Machine

1. Once Variable Name and Variable value is entered.
2. Click on OK(This will save your entered information onto your User variable.

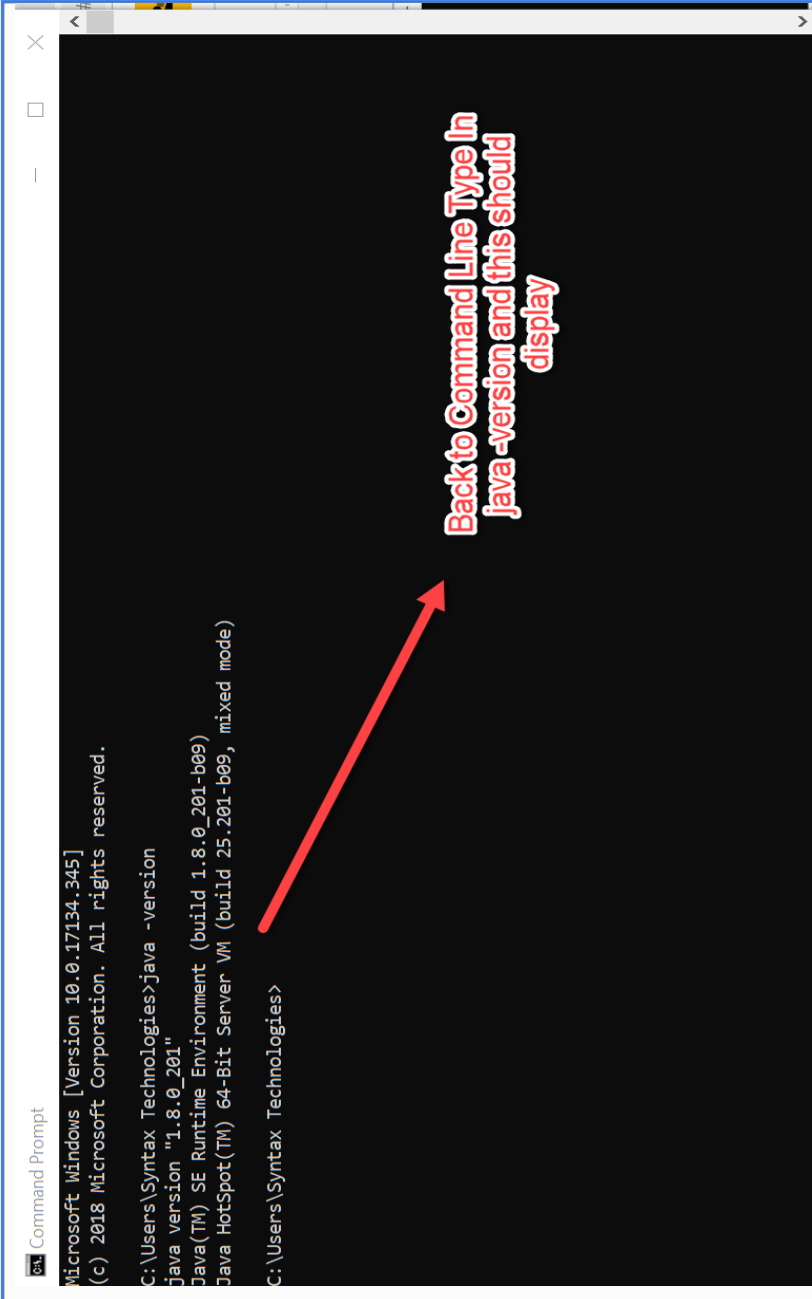
- # Setting Environment Path for Java
- ## In your Machine
1. Once Variable Name and Variable value is entered.
 2. Click on OK(This will save your entered information onto your User variable.



The screenshot shows the 'Environment Variables' window with the 'User variables for Syntax Technologies' tab selected. The 'JAVA_HOME' variable is highlighted in the list. Below the list, the 'New User Variable' dialog box is open, showing the 'Variable name' as 'JAVA_HOME' and the 'Variable value' as 'C:\Program Files\Java\jdk1.8.0_201'. A red arrow points to the 'OK' button in this dialog box. A red 'Click OK' text is also present near the arrow.

Setting Environment Path for Java In your Machine

1. Then go back to Command Prompt
2. Type in java -version
3. Then Java version should appear.



```
Microsoft Windows [Version 10.0.17134.345]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Syntax Technologies>java -version
java version "1.8.0_201"
Java(TM) SE Runtime Environment (build 1.8.0_201-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.201-b09, mixed mode)

C:\Users\Syntax Technologies>
```

Back to Command Line Type In
java -version and this should
display