

HERALD COLLEGE

KATHMANDU

IT & NOC DEPARTMENT

INSTALLATION GUIDE

Java Development Kit (JDK) & Eclipse IDE

Installing JDK in Windows:

<https://www.oracle.com/in/java/technologies/downloads/#jdk21-windows>

Installing JDK in macOS:

<https://www.oracle.com/in/java/technologies/downloads/#jdk21-mac>

Installing JDK in Linux:

<https://www.oracle.com/in/java/technologies/downloads/#jdk21-linux>

Installing Eclipse IDE:

<https://www.eclipse.org/downloads/>

Checking Java is configured in your PC using the command prompt:

```
C:\Users\Asus>java --version
```

If the following comes then Java is configured in your PC:

```
java 15 2020-09-15  
Java(TM) SE Runtime Environment (build 15+36-1562)  
Java HotSpot(TM) 64-Bit Server VM (build 15+36-1562, mixed mode, sharing)
```

Note: If your Java is configured you do not need to follow the following steps:

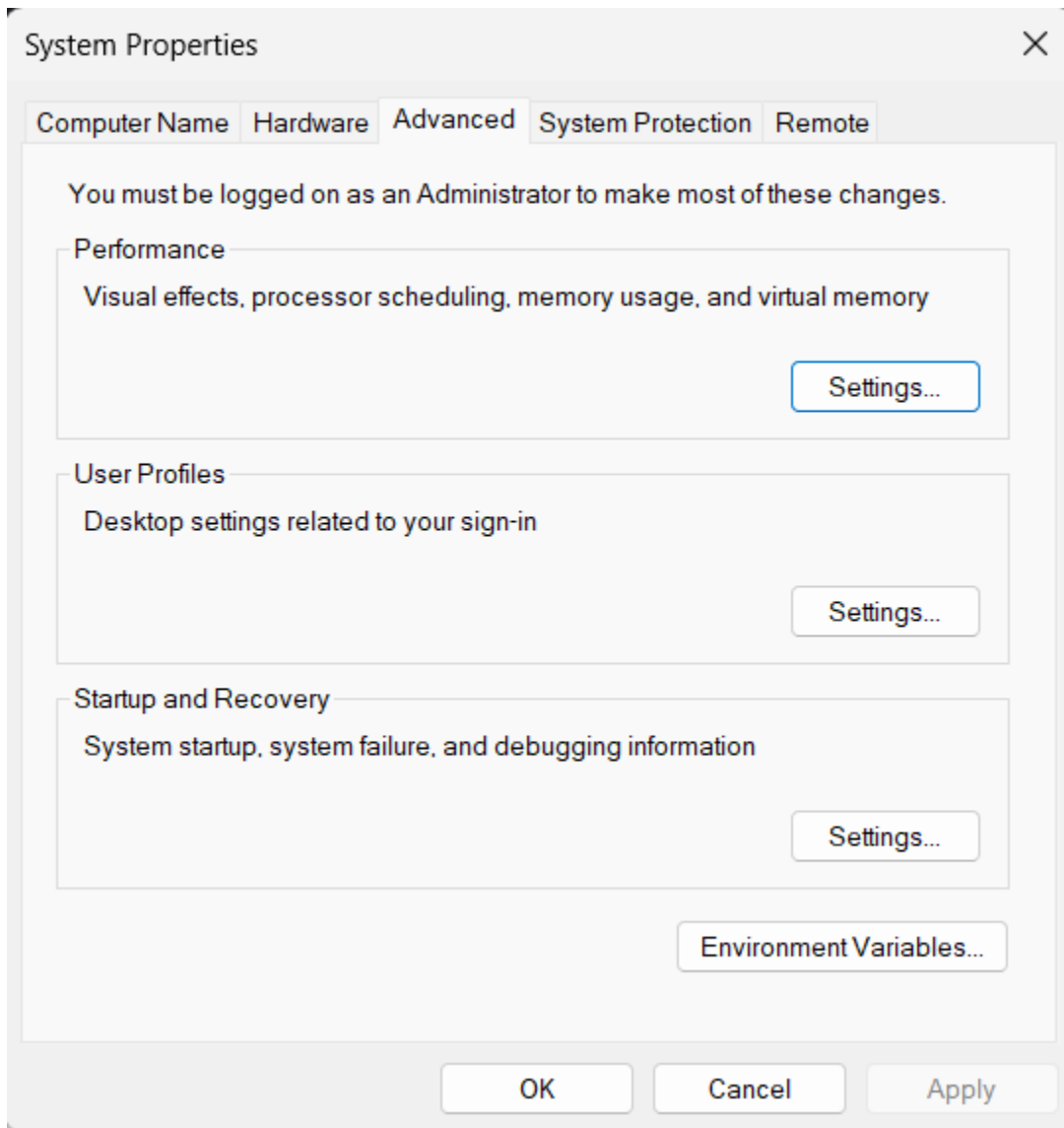
1. If the above is not shown then you might need to configure java in environment variables. Search environment variables in your PC



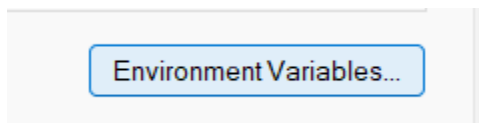
Edit the system environment variables

Control panel

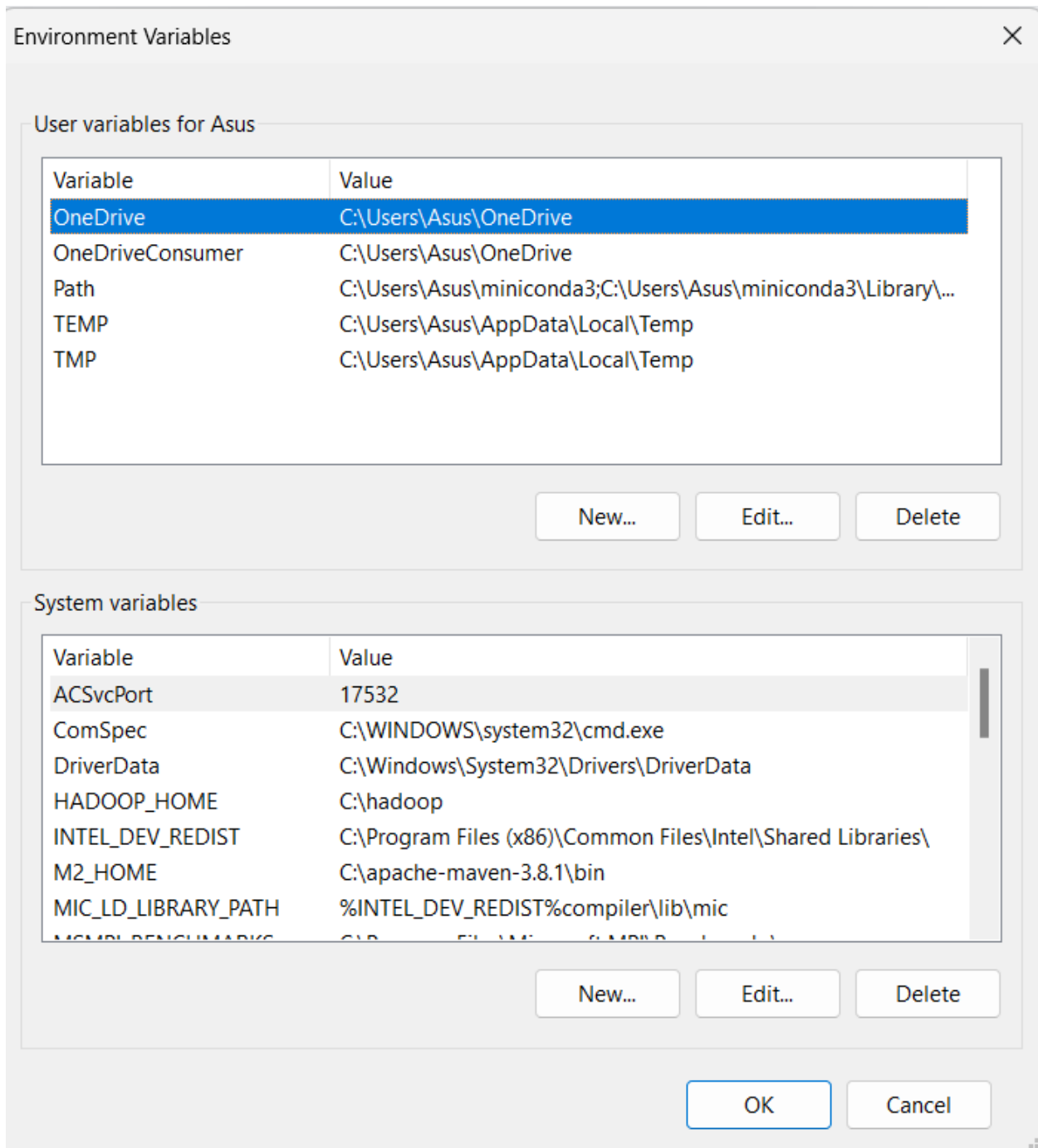
2. On clicking environment variables you will get the following UI



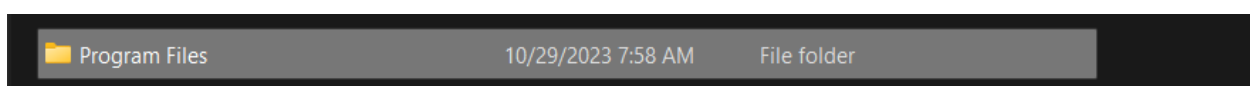
3. Click on environment variables



The following must be shown after clicking the button



4. Now go to your C drive and click on the program files folder



5. After clicking on the program files folder search for the Java folder

 Java	10/1/2020 2:22 PM	File folder
--	-------------------	-------------

6. Now click the Java folder you will find the JDK you installed recently click the folder

 jdk-15	10/1/2020 2:23 PM	File folder
--	-------------------	-------------

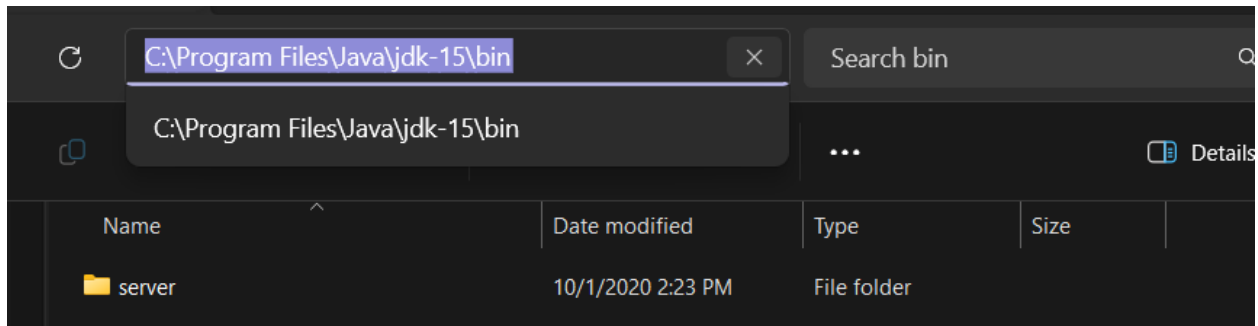
7. Now the following is seen inside the folder click the bin folder

 bin	10/1/2020 2:23 PM	File folder	
 conf	10/1/2020 2:23 PM	File folder	
 include	10/1/2020 2:23 PM	File folder	
 jmods	10/1/2020 2:23 PM	File folder	
 legal	10/1/2020 2:23 PM	File folder	
 lib	10/1/2020 2:23 PM	File folder	
 COPYRIGHT	8/11/2020 10:04 PM	File	4 KB
 release	10/1/2020 2:23 PM	File	2 KB

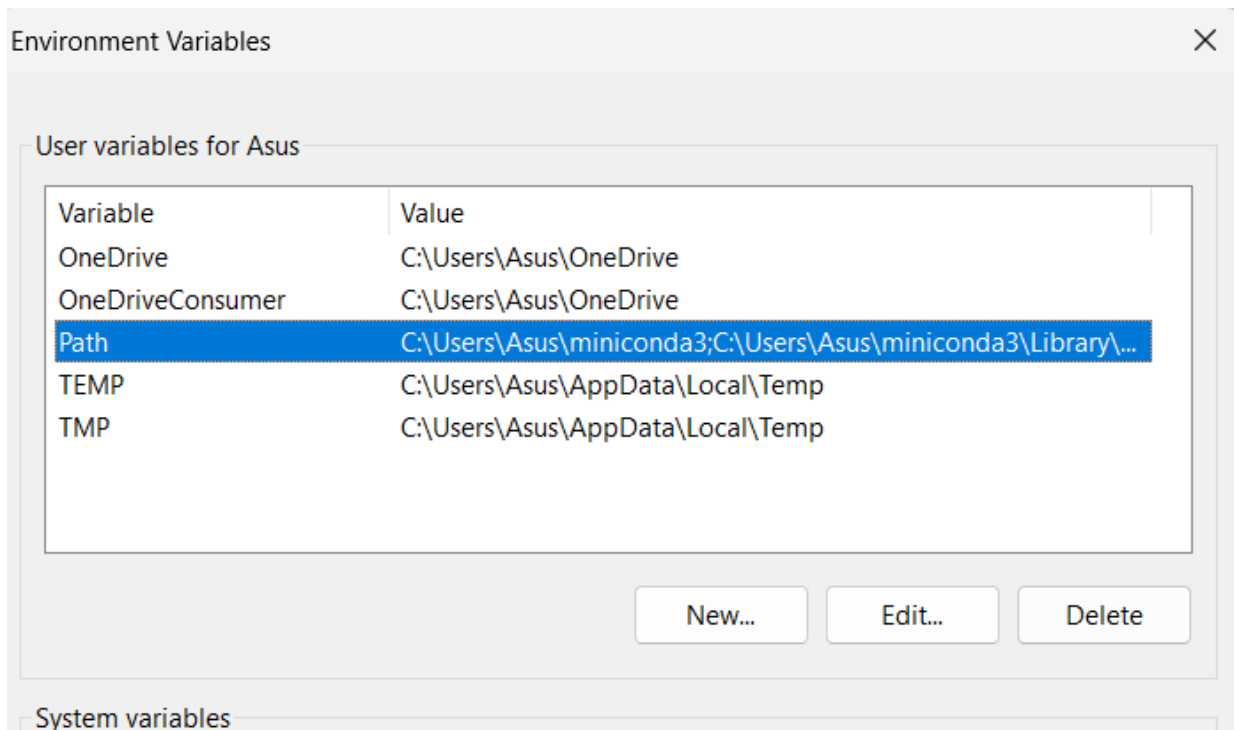
8. The following must be seen

C: > ... Java > jdk-15 > bin > Search bin				
Sort View ... Details				
Name	Date modified	Type	Size	
 server	10/1/2020 2:23 PM	File folder		
 api-ms-win-core-console-l1-1-0.dll	10/1/2020 2:23 PM	Application extens...	12 KB	
 api-ms-win-core-console-l1-2-0.dll	10/1/2020 2:23 PM	Application extens...	12 KB	
 api-ms-win-core-datetime-l1-1-0.dll	10/1/2020 2:23 PM	Application extens...	12 KB	
 api-ms-win-core-debug-l1-1-0.dll	10/1/2020 2:23 PM	Application extens...	12 KB	
 api-ms-win-core-errorhandling-l1-1-0.dll	10/1/2020 2:23 PM	Application extens...	12 KB	
 api-ms-win-core-file-l1-1-0.dll	10/1/2020 2:23 PM	Application extens...	15 KB	
 api-ms-win-core-file-l1-2-0.dll	10/1/2020 2:23 PM	Application extens...	12 KB	

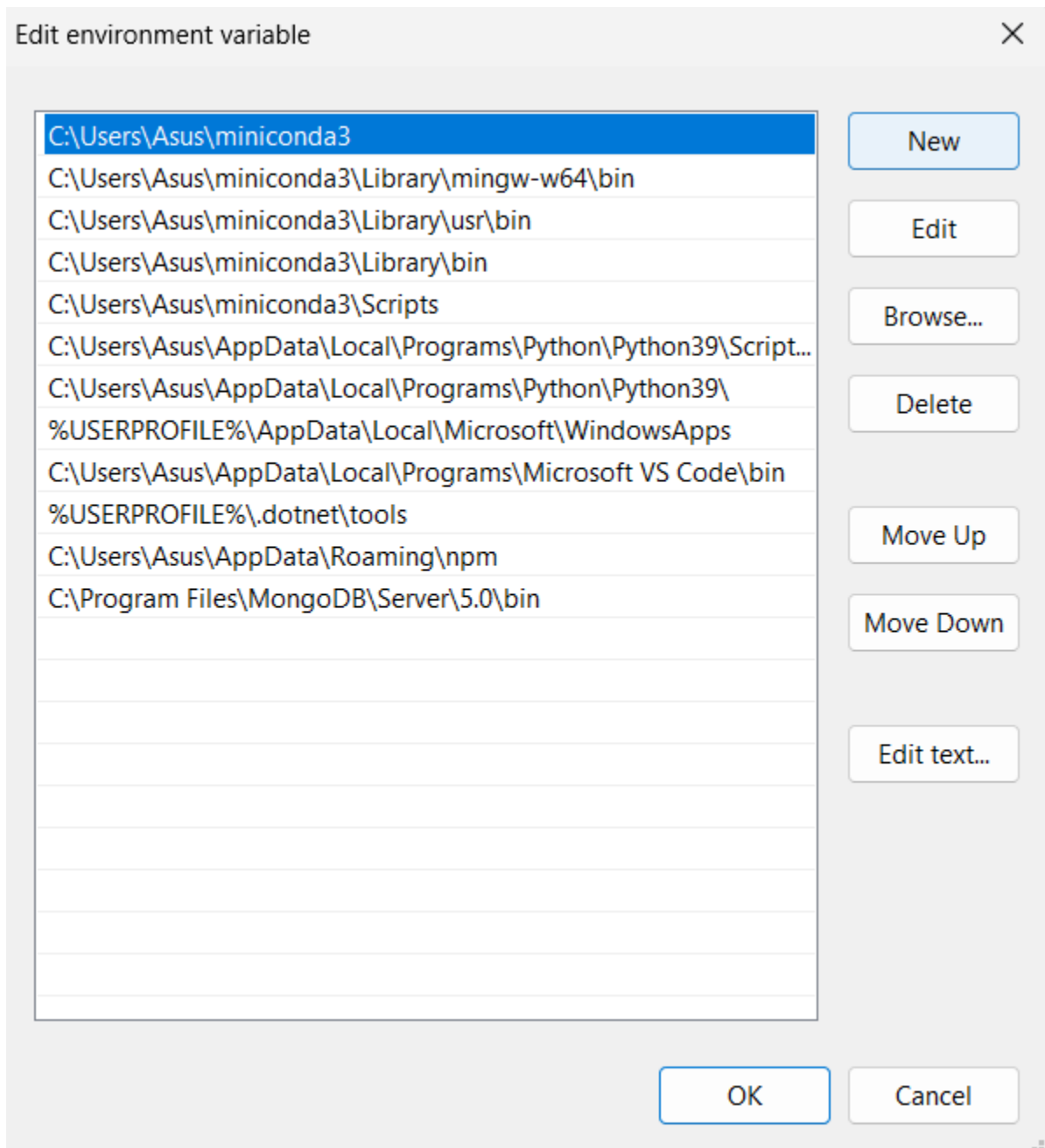
9. Now copy the path of the bin folder



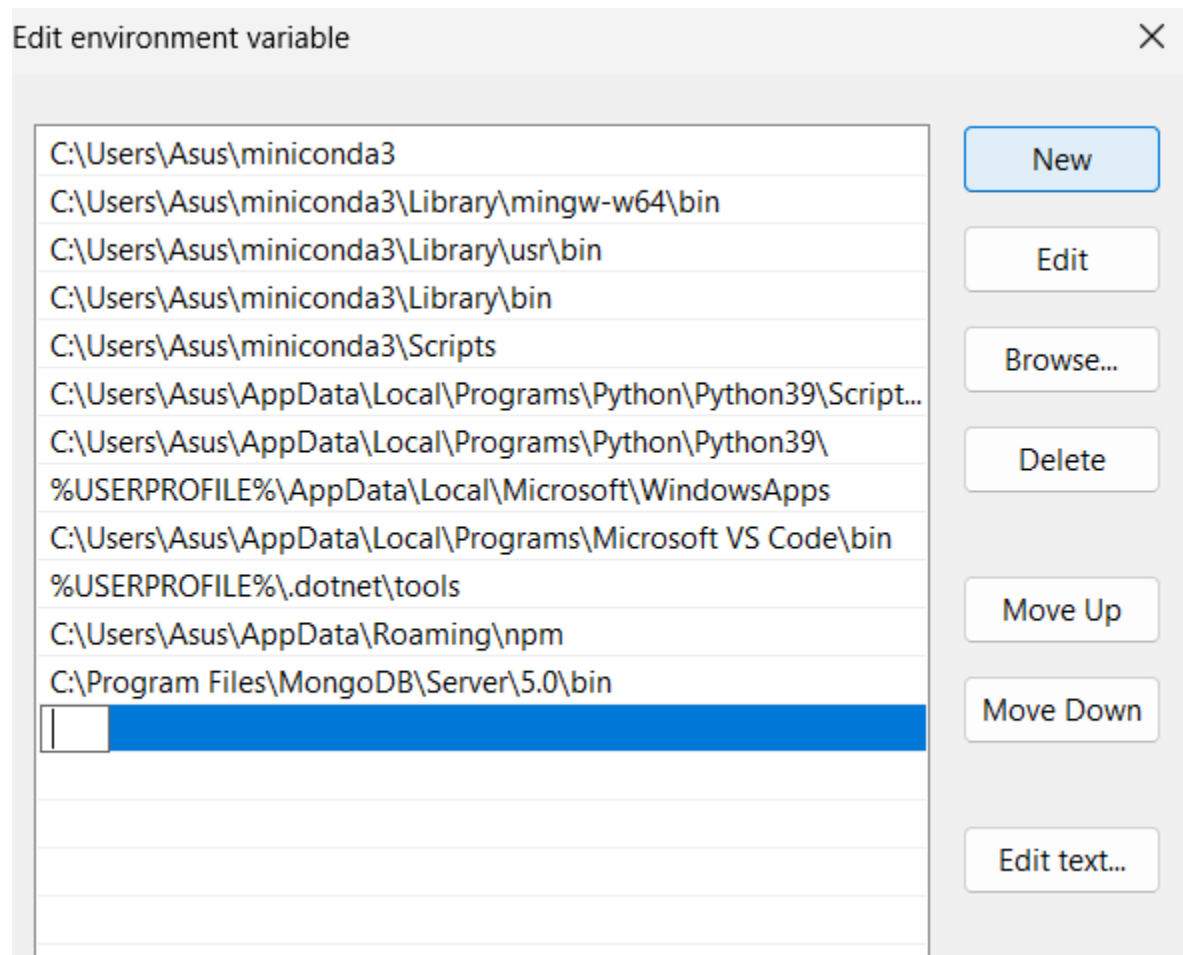
10. Come back to your environment variables



11. Double-click on the path on clicking you must see the following:



12. Now click on the new and paste the JDK bin path you copied in the blank space



13. Click okay and again try checking whether Java is configured using the command prompt now java must be configured in your PC.