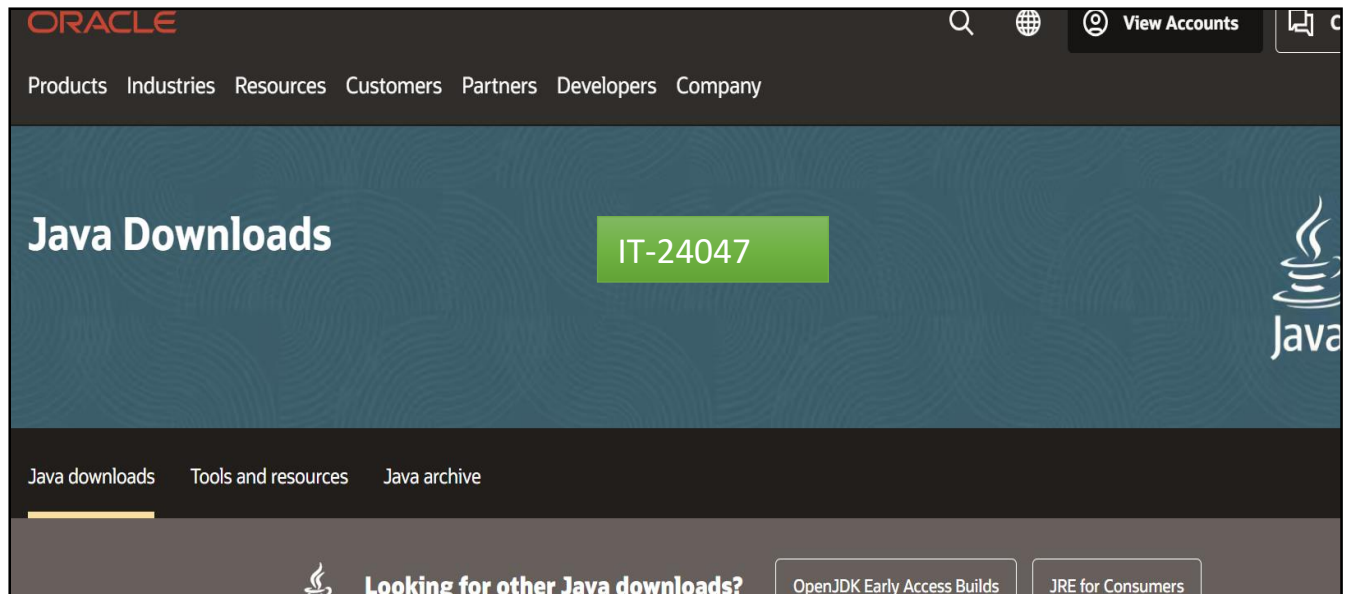


Algorithm: Install JDK and Run Java Program:

➤ **Step 1:** Open a web browser



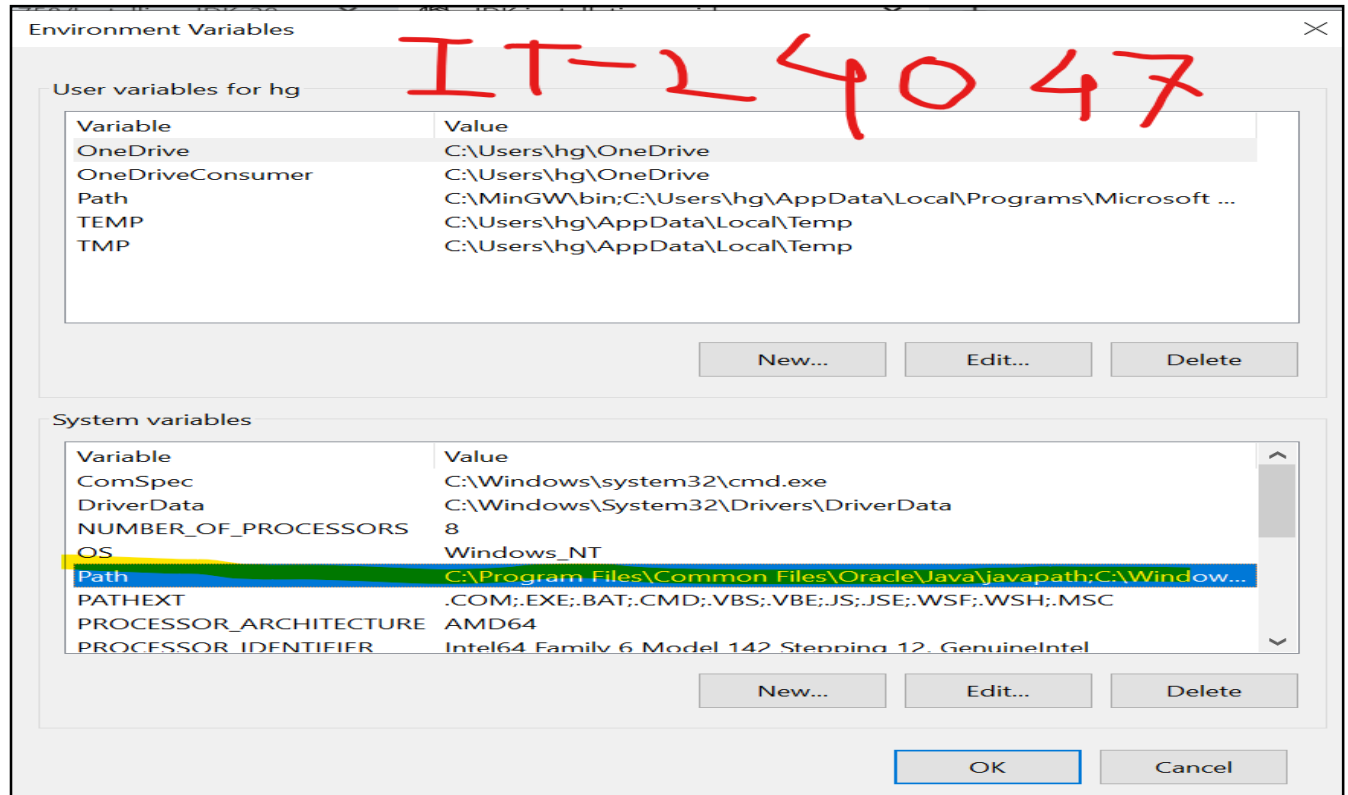
➤ **Step 2:** Search for “Download JDK 25 or later”.

➤ **Step 3:** Go to the official Oracle or OpenJDK site.

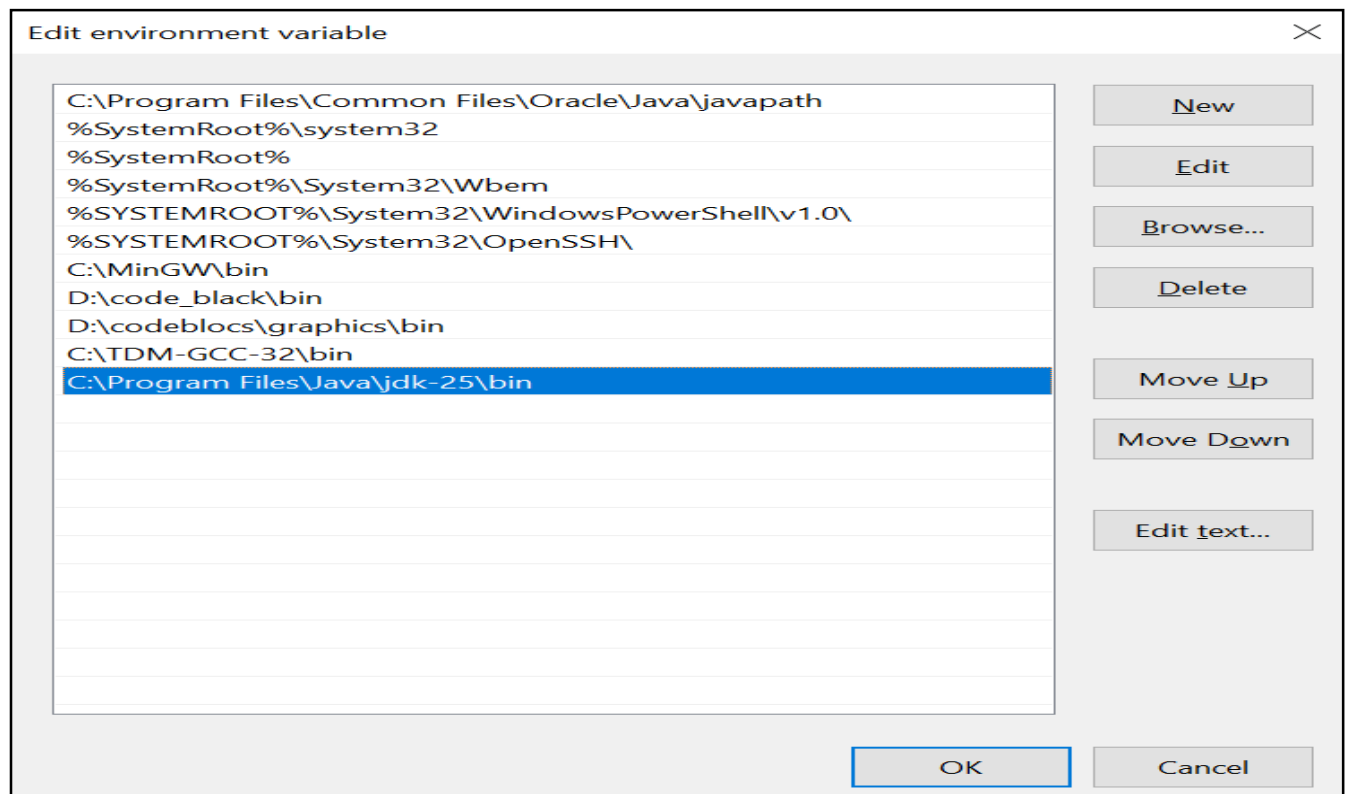
ARM64 Compressed Archive	203.27 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-aarch64_bin.tar.gz (sha256)
ARM64 RPM Package	202.87 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-aarch64_bin.rpm (sha256) (OL 9 GPG Key)
x64 Compressed Archive	205.47 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-x64_bin.tar.gz (sha256)
x64 Debian Package	175.92 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-x64_bin.deb (sha256)
x64 RPM Package	205.04 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-x64_bin.rpm (sha256) (OL 9 GPG Key)

➤ **Step 4:** Download and install JDK for your OS.

➤ **Step 5:** Note the installation path (e.g., C:\Program Files\Java\jdk-25).

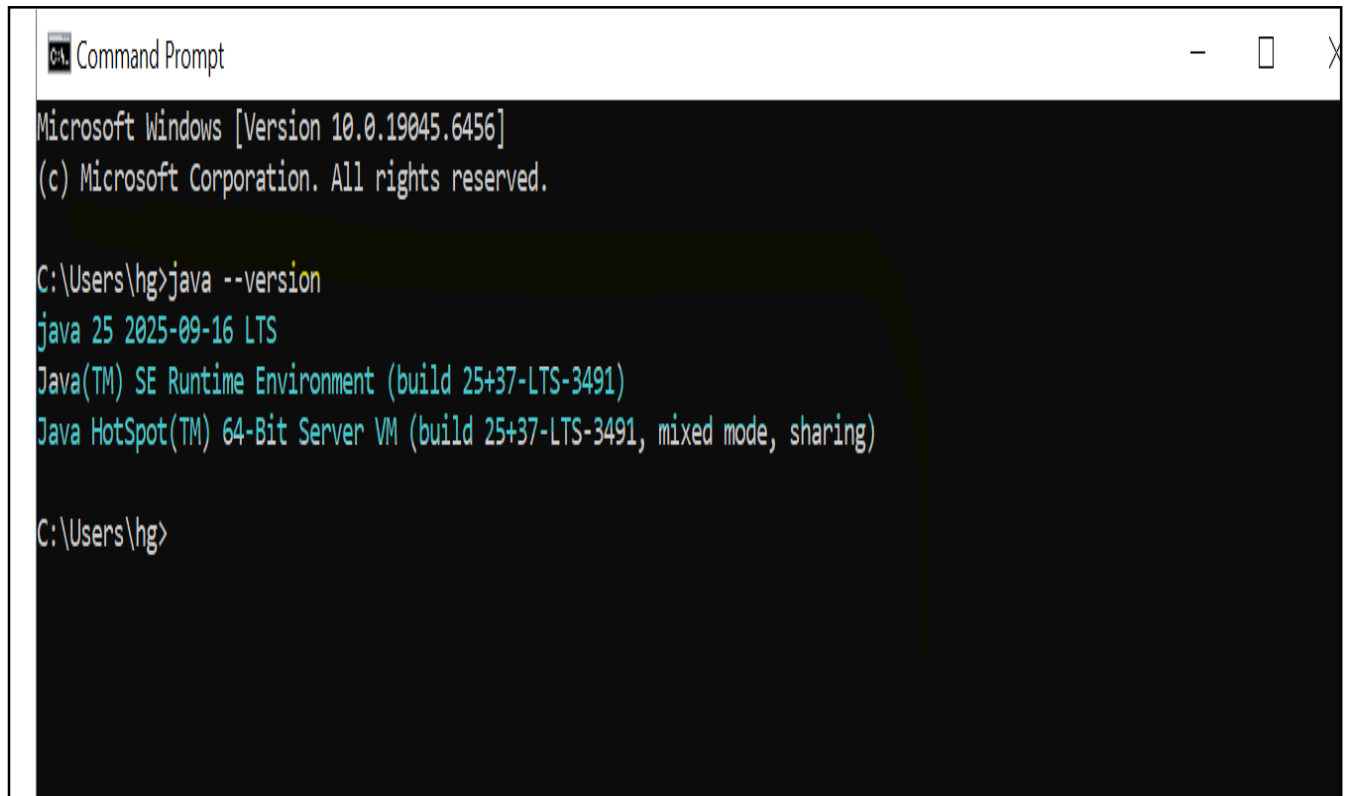


➤ **Step 6:** Set environment variable JAVA_HOME to that path.



➤ **Step 7:** Open Command Prompt.

➤ **Step 8:** Type `java -version` and `javac -version` to check installation.

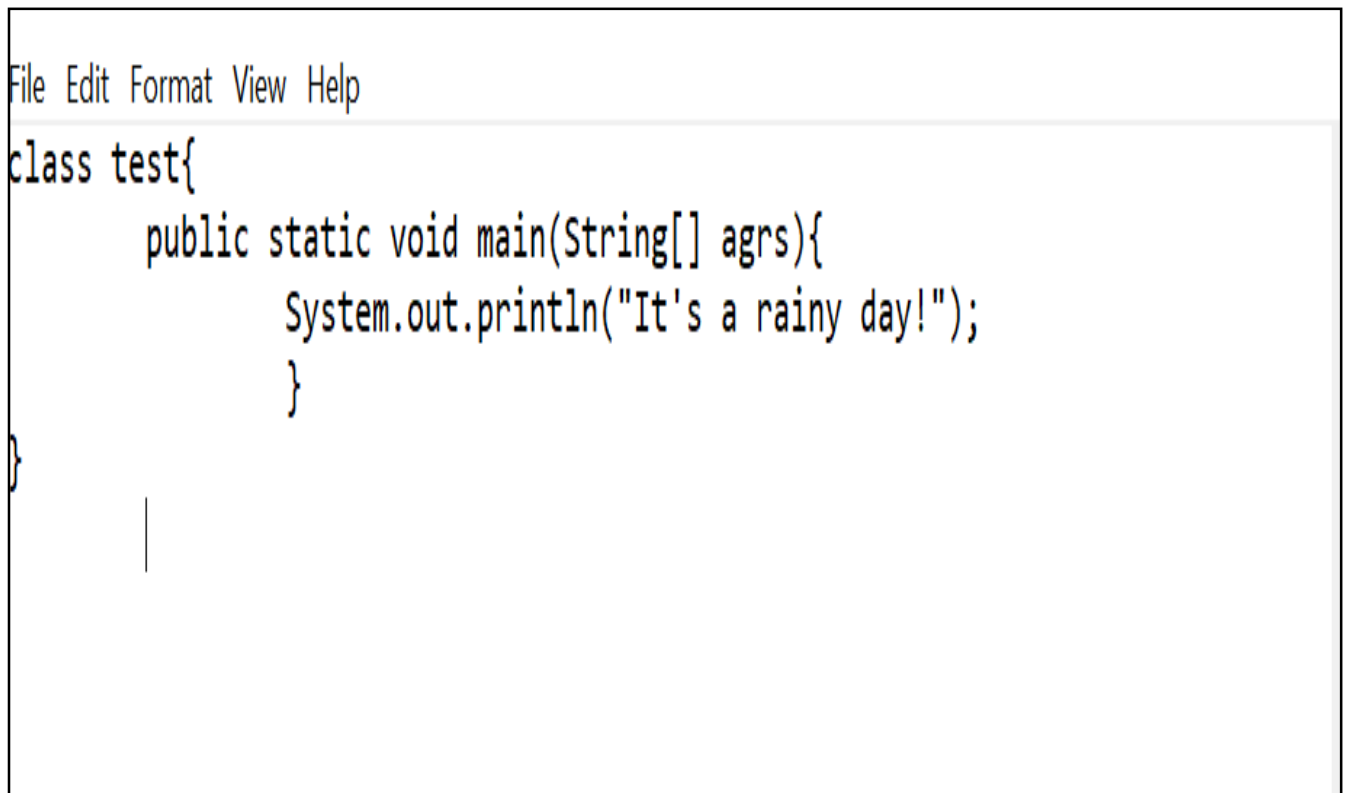


```
Command Prompt
Microsoft Windows [Version 10.0.19045.6456]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hg>java --version
java 25 2025-09-16 LTS
Java(TM) SE Runtime Environment (build 25+37-LTS-3491)
Java HotSpot(TM) 64-Bit Server VM (build 25+37-LTS-3491, mixed mode, sharing)

C:\Users\hg>
```

➤ **Step 9:** Open Notepad and write:



```
File Edit Format View Help
class test{
    public static void main(String[] args){
        System.out.println("It's a rainy day!");
    }
}
```



Step 11: Save the file as Test.java.



Step 12: In CMD, navigate to the file location using cd.



Step 13: Compile the code → javac Test.java.

```
C:\Users\hg>javac test.java
```

```
C:\Users\hg>java test  
It's a rainy day! |
```



Step 14: Run the program → java Test.



Step 15: Output should be: