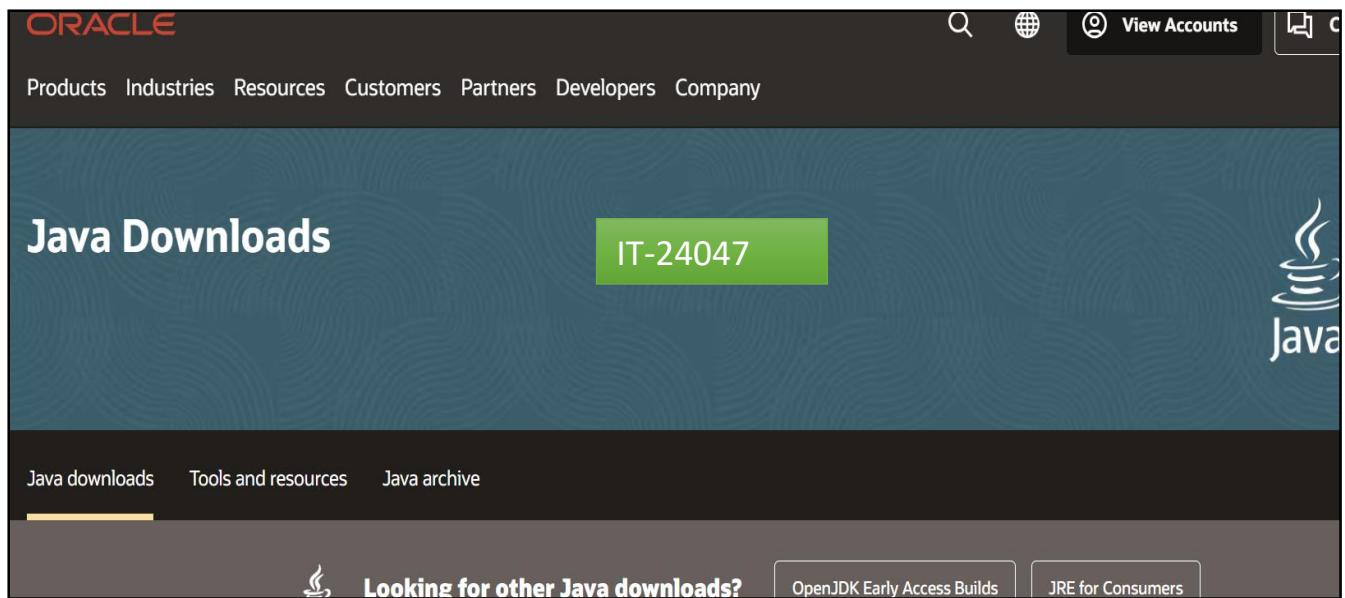


Algorithm: Install JDK and Run Java Program:

- **Step 1:** Open a web browser

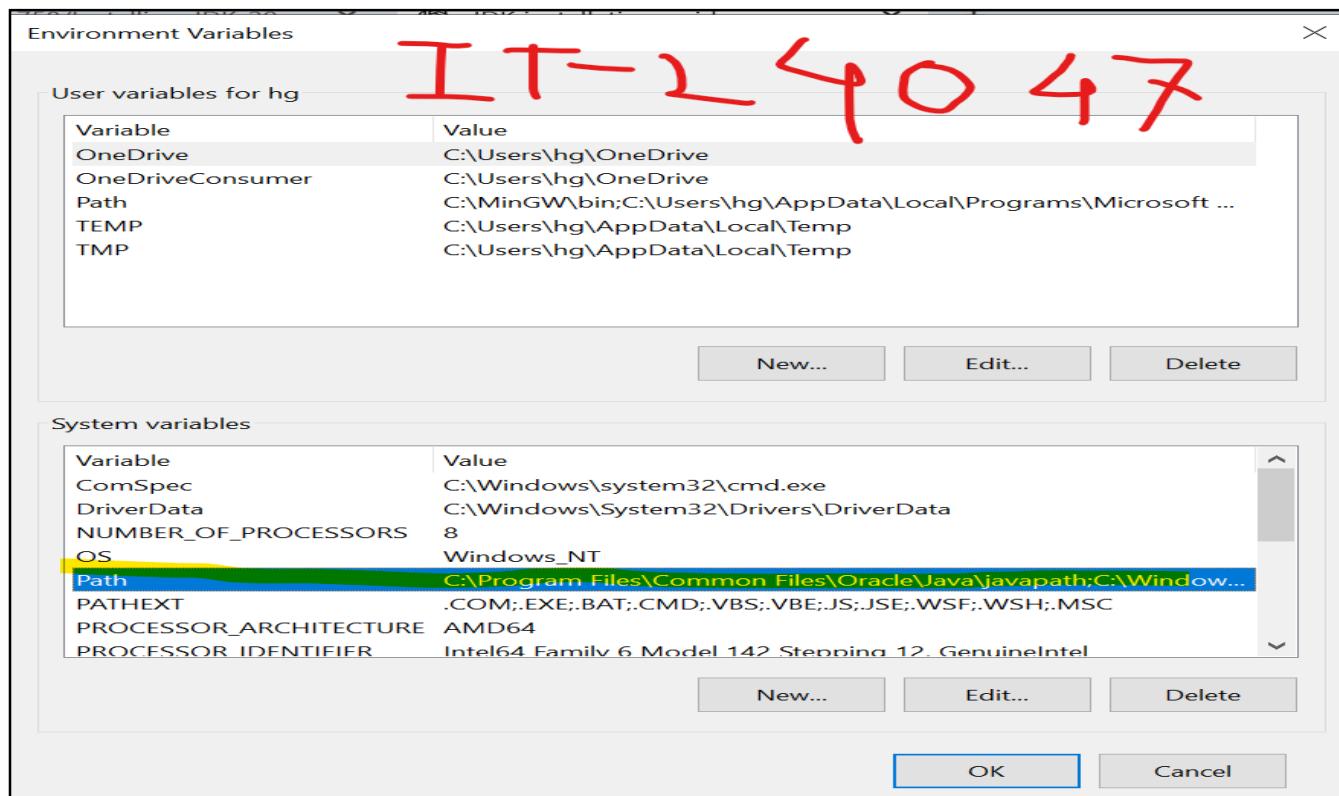


- **Step 2:** Search for “Download JDK 25 or later”.
➤ **Step 3:** Go to the official Oracle or OpenJDK site.

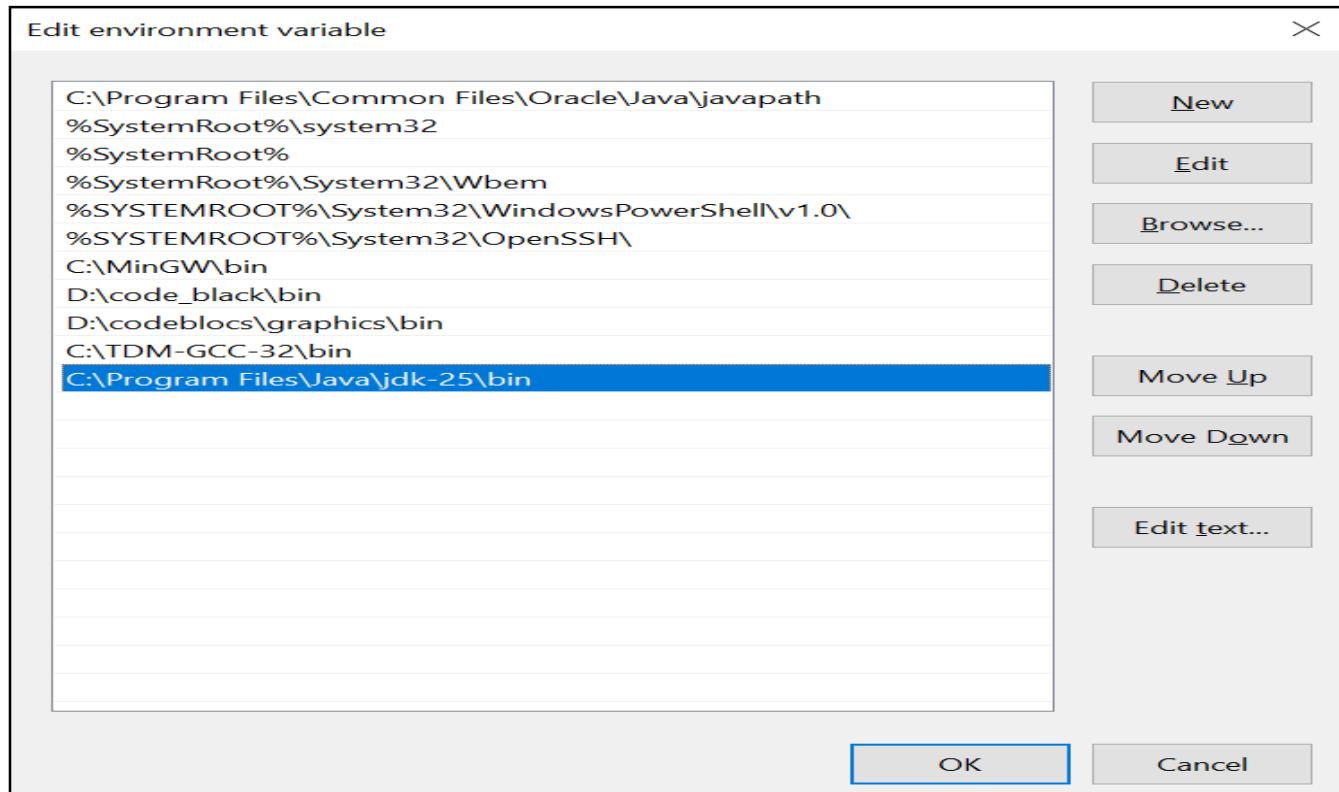
ARM64 Compressed Archive	203.27 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-aarch64_bin.tar.gz (sha256)
ARM64 RPM Package	202.87 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-aarch64_bin.rpm (OL 9 GPG Key)
x64 Compressed Archive	205.47 MB	https://download.oracle.com/java/25/latest/jdk-25_linux-x64_bin.tar.gz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

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

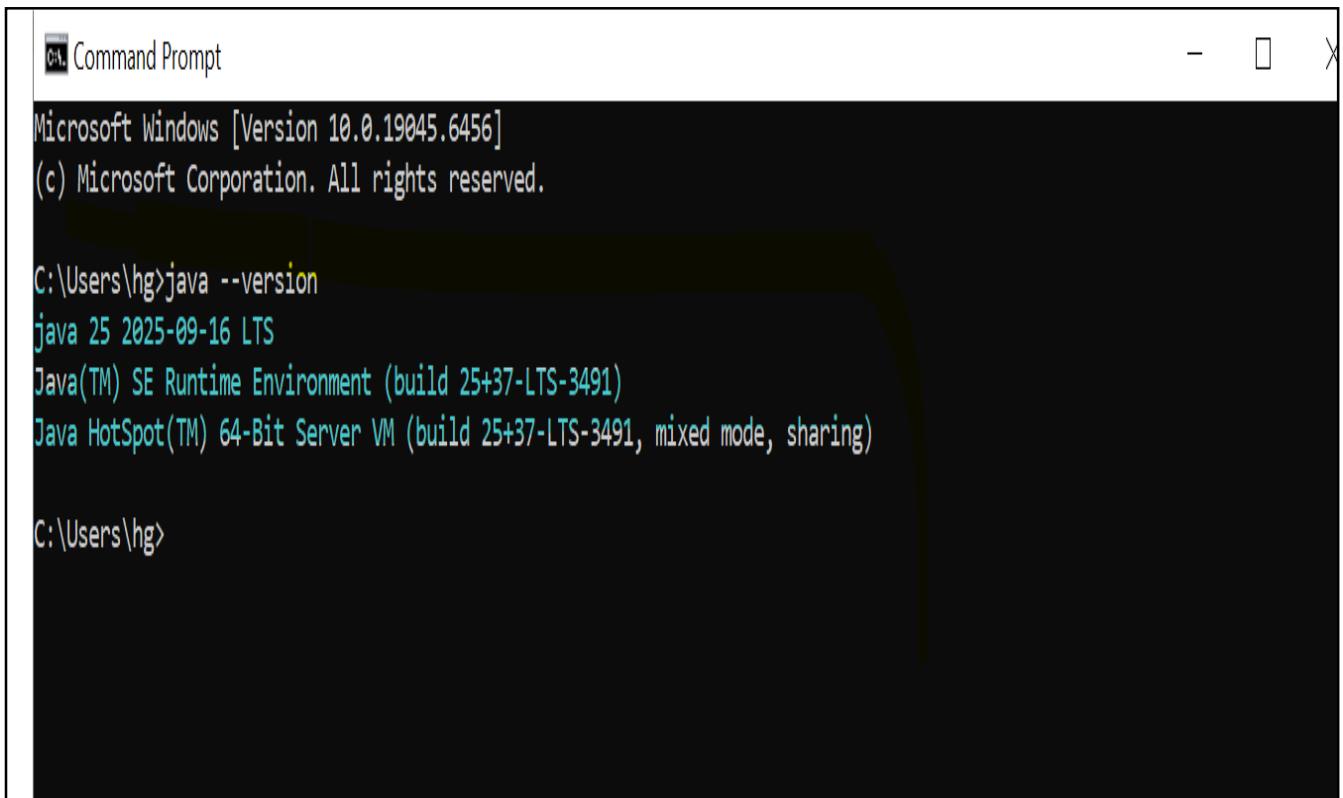
➤ Step 5: Note the installation path (e.g., C:\Program Files\Java\jdk-25).



➤ 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.

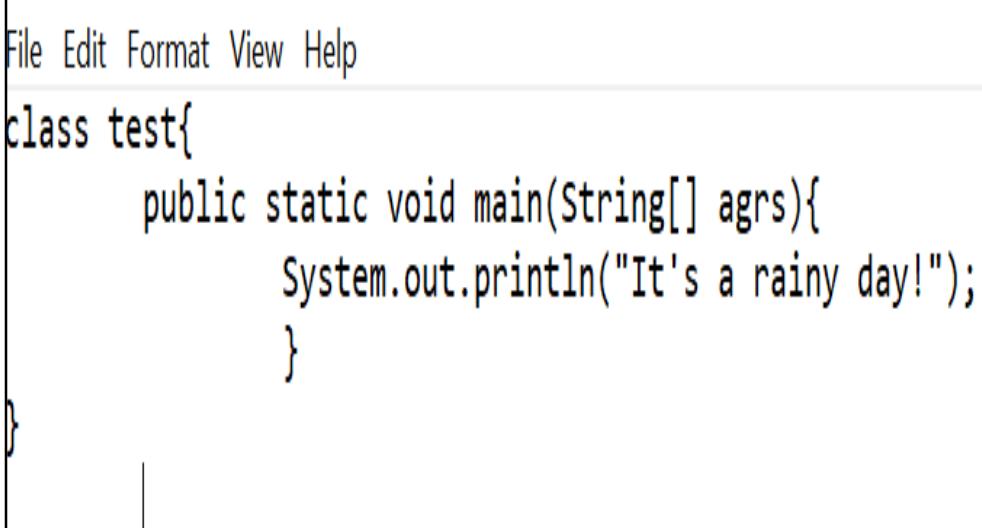


A screenshot of a Windows Command Prompt window titled "Command Prompt". The window shows the following text:
Microsoft Windows [Version 10.0.19045.6456]
(c) Microsoft Corporation. All rights reserved.

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:



A screenshot of a Notepad window. The menu bar shows "File Edit Format View Help". The main text area contains the following Java code:
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: