

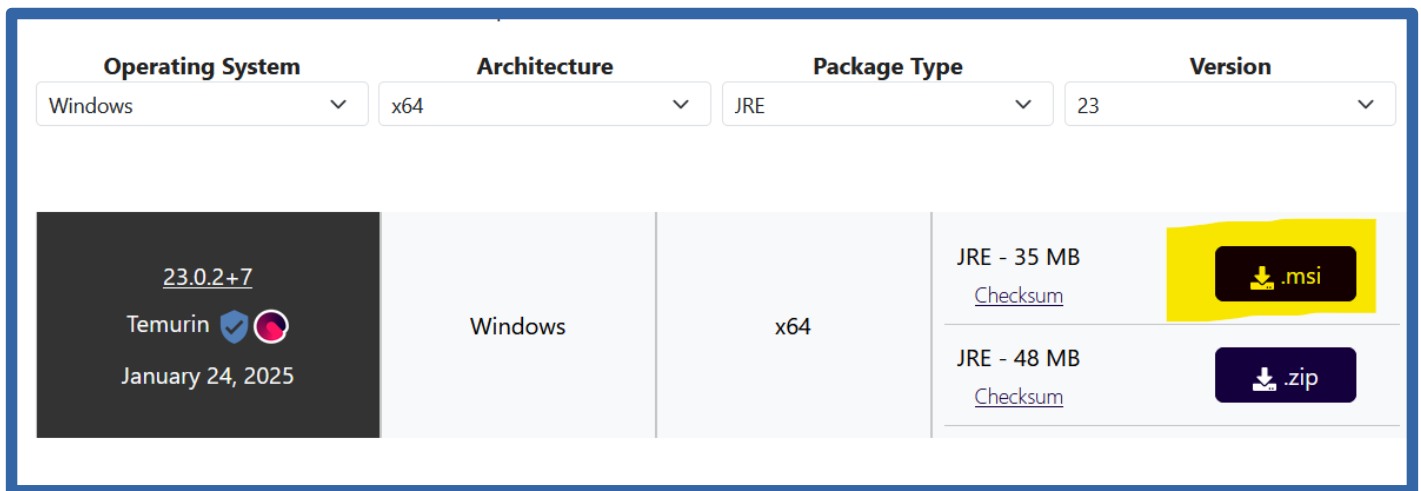
Download, Install and Run Apache Hop



Download most recent Java Virtual Machine!

Go to:

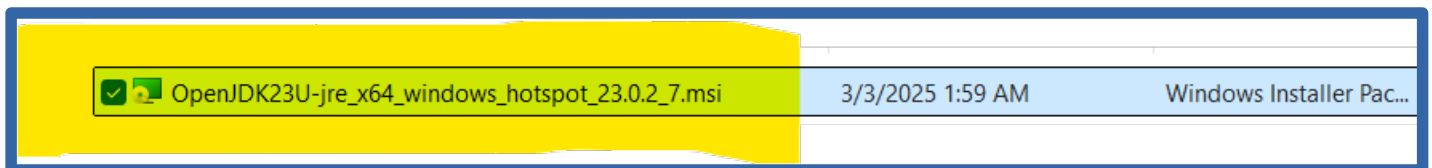
<https://adoptium.net/temurin/releases/?version=23&os=windows&arch=x64&package=jre>


Click on the “msi” icon and download the file:



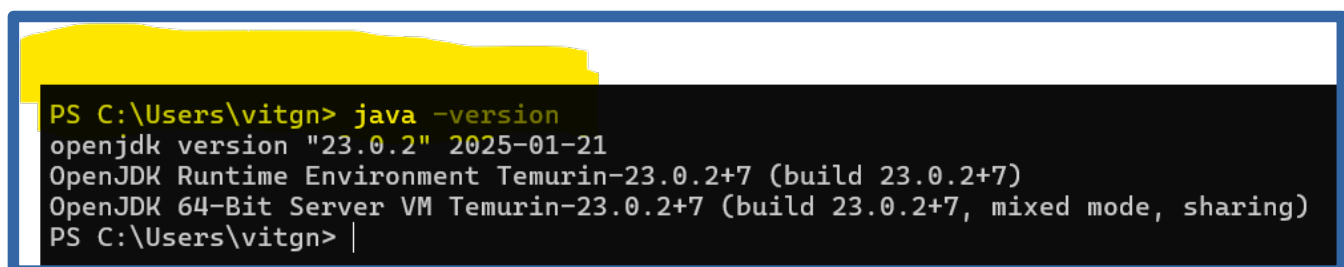
Operating System	Architecture	Package Type	Version	
Windows	x64	JRE	23	
23.0.2+7 Temurin January 24, 2025	Windows	x64	JRE - 35 MB Checksum	
			JRE - 48 MB Checksum	

Double click on the .msi file to install the Java Virtual Machine



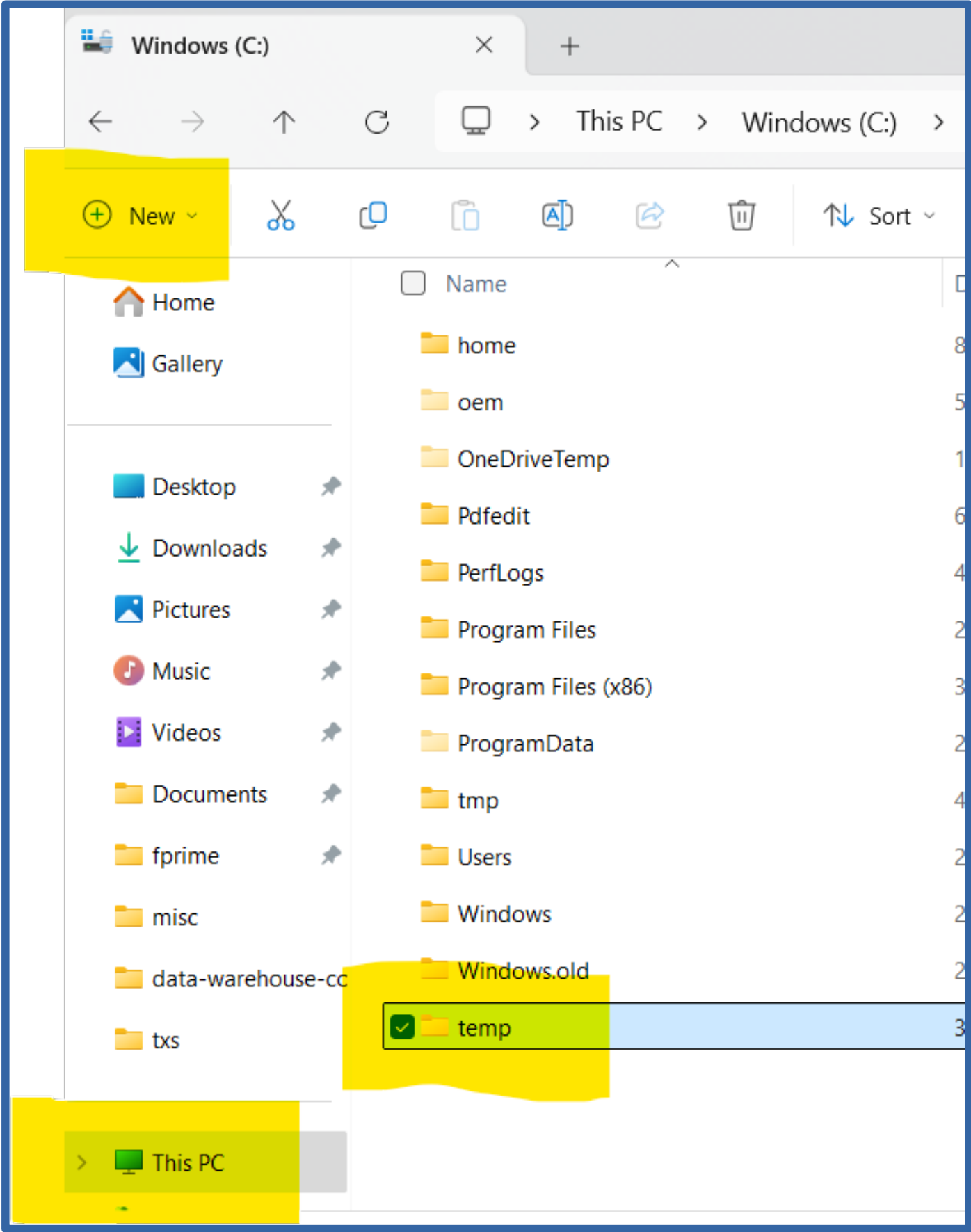
Name	Date modified	Type
 OpenJDK23U-jre_x64_windows_hotspot_23.0.2_7.msi	3/3/2025 1:59 AM	Windows Installer Pac...

To confirm, go to Start > Type: “powershell” [without the quotes] > Hit “Enter” key > at the prompt, type “java -version” [without the quotes] > Hit “Enter” key:



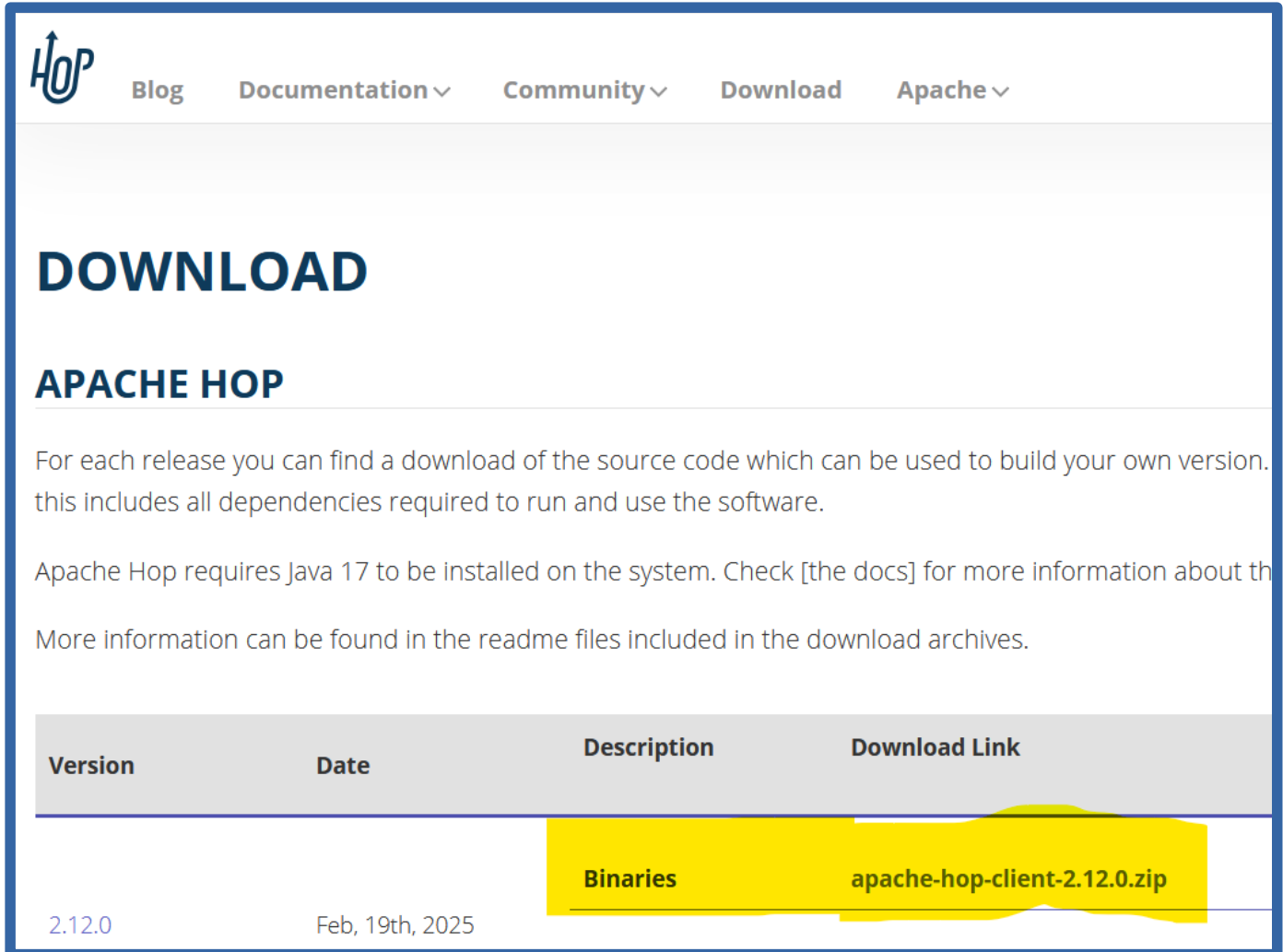
```
PS C:\Users\vitgn> java -version
openjdk version "23.0.2" 2025-01-21
OpenJDK Runtime Environment Temurin-23.0.2+7 (build 23.0.2+7)
OpenJDK 64-Bit Server VM Temurin-23.0.2+7 (build 23.0.2+7, mixed mode, sharing)
PS C:\Users\vitgn> |
```

Using File Explorer, create a folder called “Temp” in the “C:\” drive:



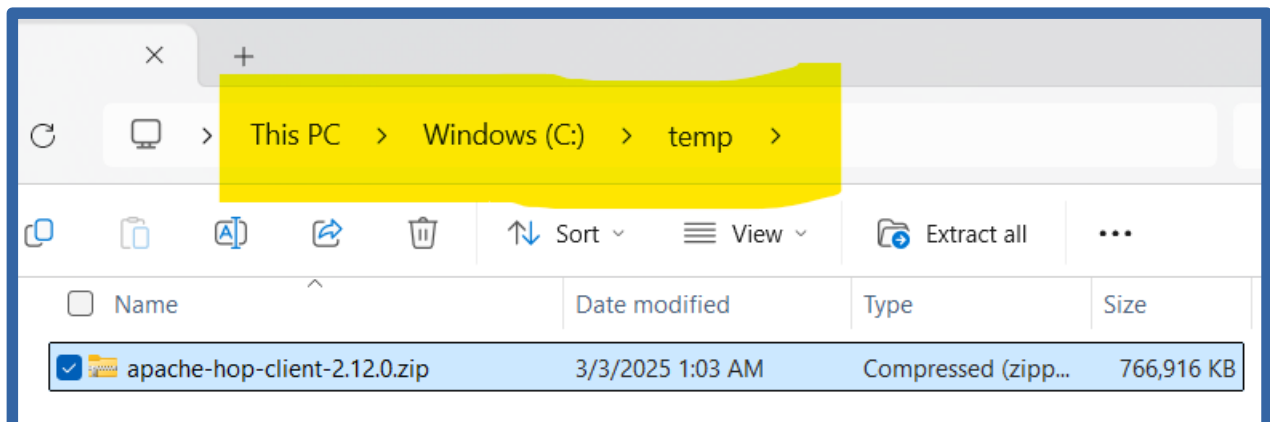
Go to Apache Hop download page:
<https://hop.apache.org/download/>

Click on “apache-hop-client.2.12.0.zip” to download the ZIP file:

The screenshot shows the Apache Hop website's download page. At the top is a navigation bar with links for Blog, Documentation, Community, Download, and Apache. Below this is a large 'DOWNLOAD' heading, followed by the 'APACHE HOP' logo. A paragraph explains that for each release, a download of the source code is available, which includes all dependencies. Another paragraph states that Apache Hop requires Java 17. Below the text is a table with columns for Version, Date, Description, and Download Link. The table contains one entry for version 2.12.0, dated Feb, 19th, 2025, with the description 'Binaries' and the download link 'apache-hop-client-2.12.0.zip'.

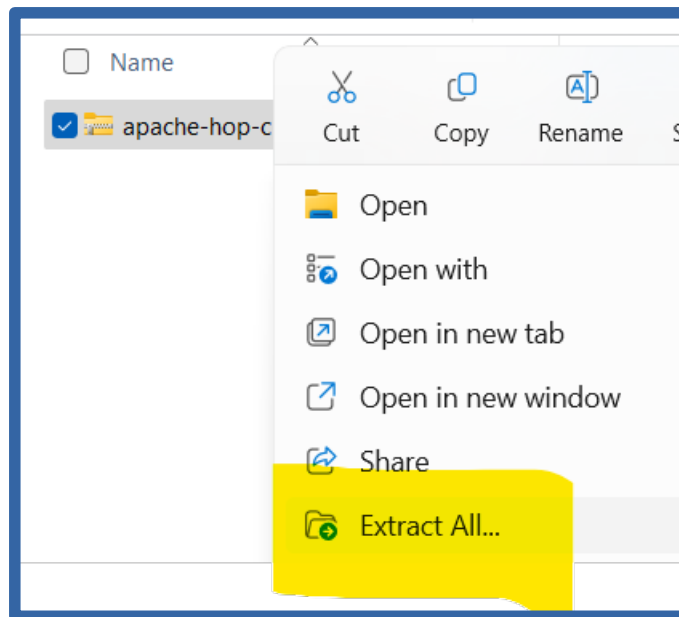
Version	Date	Description	Download Link
2.12.0	Feb, 19th, 2025	Binaries	apache-hop-client-2.12.0.zip

Copy “apache-hop-client.2.12.0.zip” to c:\temp:

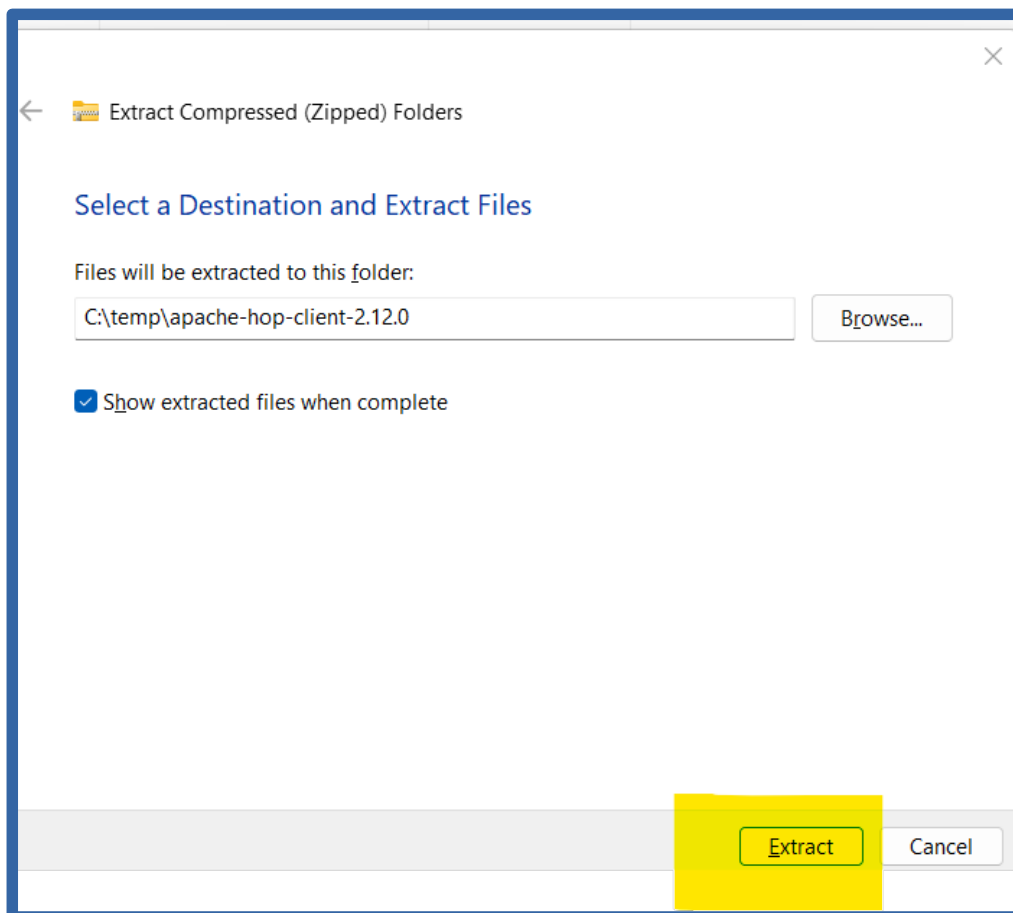
The screenshot shows a Windows File Explorer window. The address bar displays the path 'This PC > Windows (C:) > temp >'. The file list below shows a single file named 'apache-hop-client-2.12.0.zip' with a size of 766,916 KB, dated 3/3/2025 1:03 AM. The file is highlighted with a blue selection bar.

Name	Date modified	Type	Size
apache-hop-client-2.12.0.zip	3/3/2025 1:03 AM	Compressed (zipp...	766,916 KB

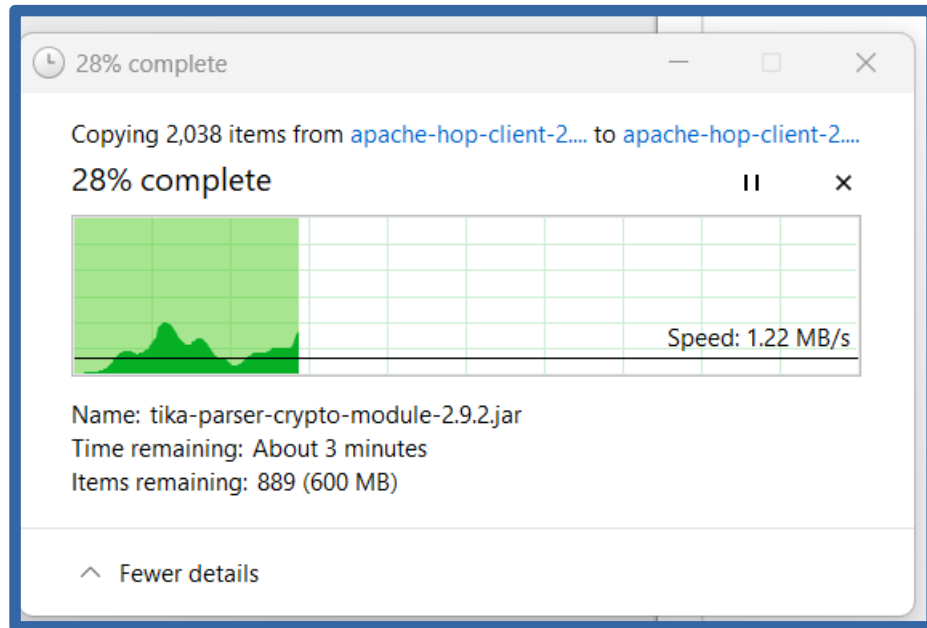
Right click on “apache-hop-client.2.12.0.zip”,
left click on “Extract All”:



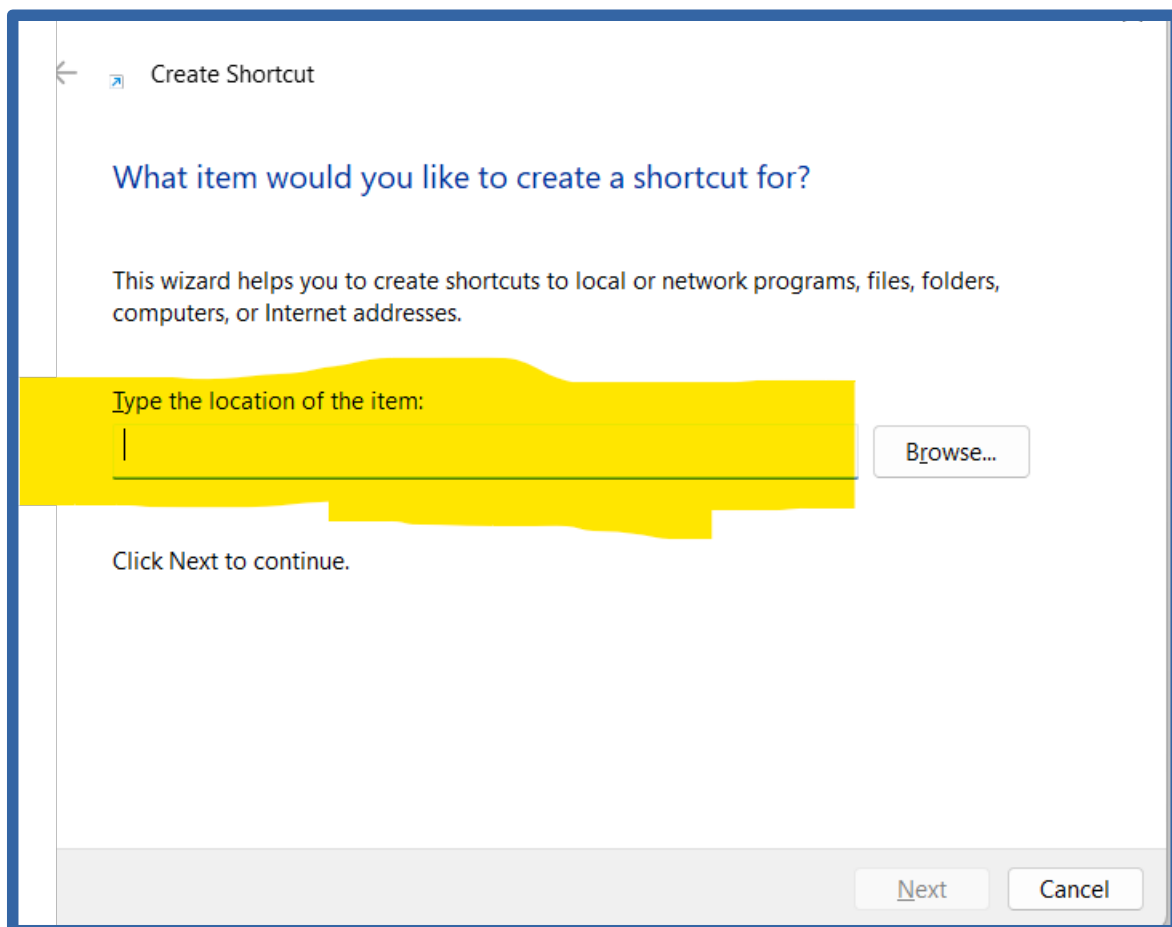
Click on “Extract”:



Extraction process:

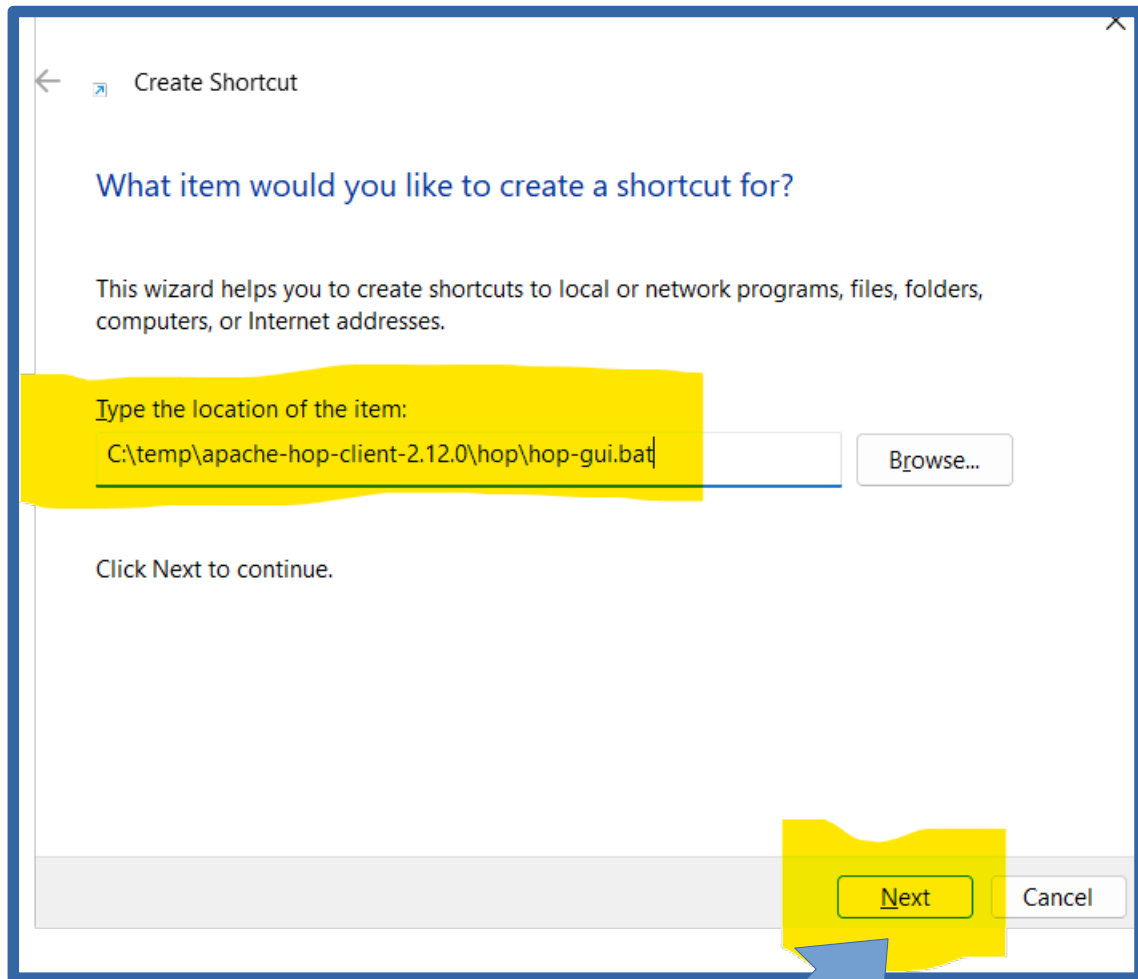


Go to blank space on your Desktop > Right click > New > Shortcut > look for "Type the location of the item":



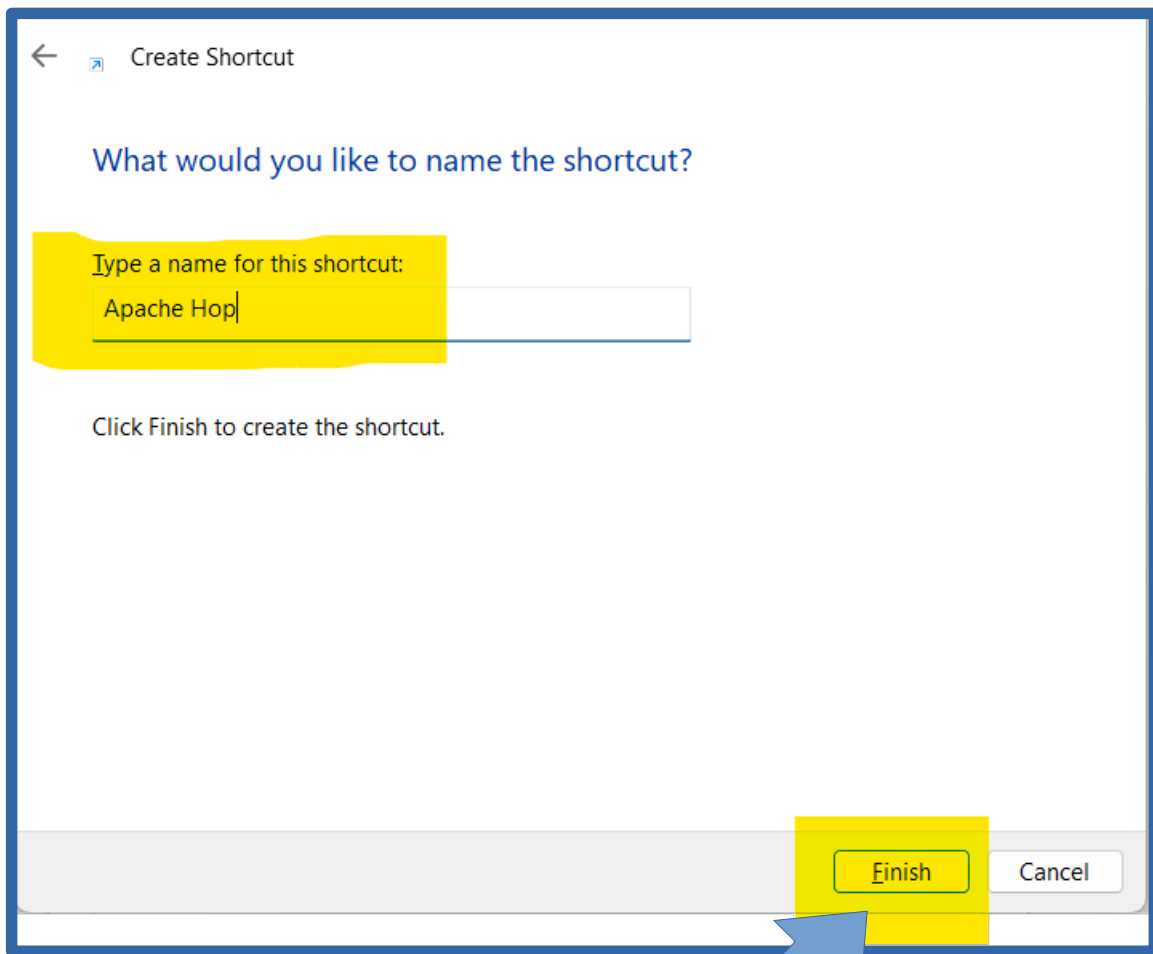
In the “Type the location of the item” field, copy and paste this command:

`C:\temp\apache-hop-client-2.12.0\hop\hop-gui.bat`



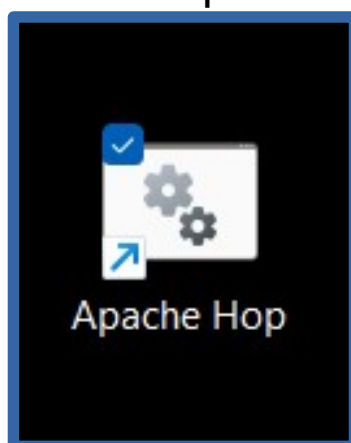
Then click “Next”

In the “Type a name for this shortcut” field, type in:
Apache Hop

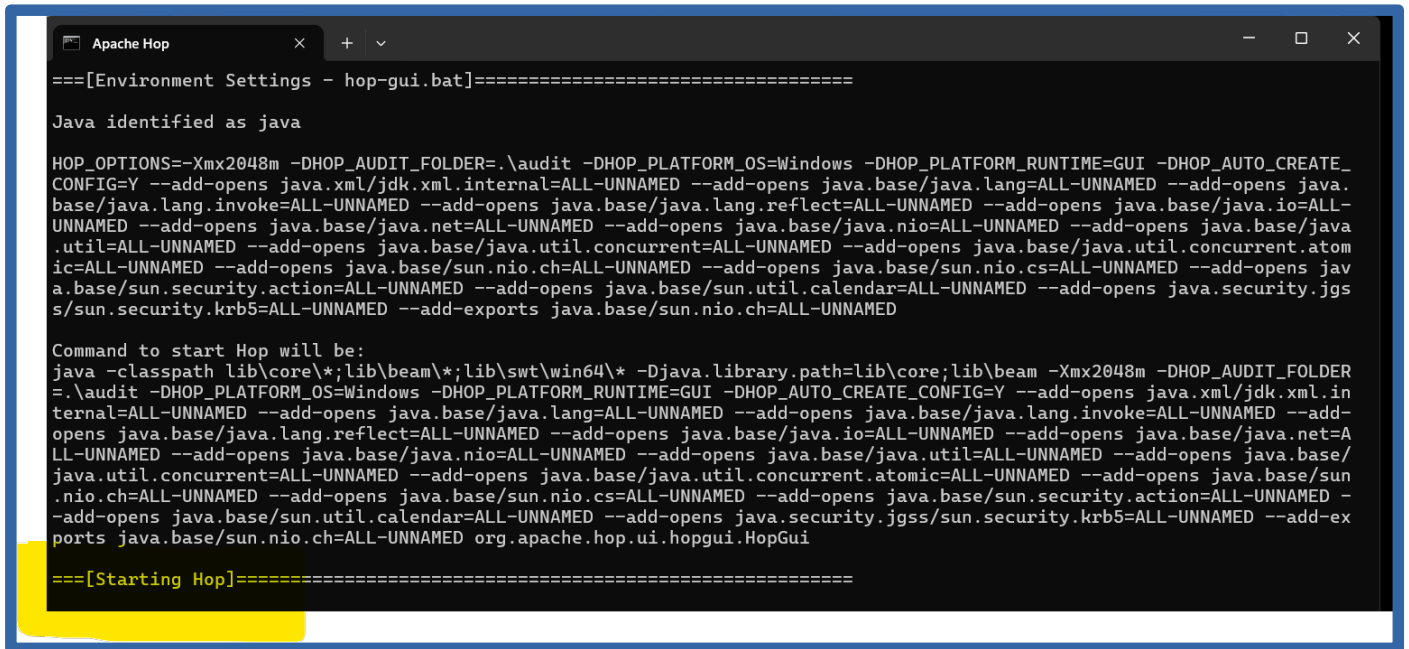


Then click “Finish”

Now there should be an icon on your Desktop that says “Apache Hop”



Double click on the “Apache Hop” icon and you should see a Powershell window open up that says “Starting Hop” at the bottom:



```
Apache Hop
===[Environment Settings - hop-gui.bat]=====

Java identified as java

HOP_OPTIONS=-Xmx2048m -DHOP_AUDIT_FOLDER=. \audit -DHOP_PLATFORM_OS=Windows -DHOP_PLATFORM_RUNTIME=GUI -DHOP_AUTO_CREATE_CONFIG=Y --add-opens java.xml/jdk.xml.internal=ALL-UNNAMED --add-opens java.base/java.lang=ALL-UNNAMED --add-opens java.base/java.lang.invoke=ALL-UNNAMED --add-opens java.base/java.lang.reflect=ALL-UNNAMED --add-opens java.base/java.io=ALL-UNNAMED --add-opens java.base/java.net=ALL-UNNAMED --add-opens java.base/java.nio=ALL-UNNAMED --add-opens java.base/java.util=ALL-UNNAMED --add-opens java.base/java.util.concurrent=ALL-UNNAMED --add-opens java.base/java.util.concurrent.atomic=ALL-UNNAMED --add-opens java.base/sun.nio.ch=ALL-UNNAMED --add-opens java.base/sun.nio.cs=ALL-UNNAMED --add-opens java.base/sun.security.action=ALL-UNNAMED --add-opens java.base/sun.util.calendar=ALL-UNNAMED --add-opens java.security.jgss/sun.security.krb5=ALL-UNNAMED --add-exports java.base/sun.nio.ch=ALL-UNNAMED

Command to start Hop will be:
java -classpath lib\core\*;lib\beam\*;lib\swt\win64\* -Djava.library.path=lib\core;lib\beam -Xmx2048m -DHOP_AUDIT_FOLDER=. \audit -DHOP_PLATFORM_OS=Windows -DHOP_PLATFORM_RUNTIME=GUI -DHOP_AUTO_CREATE_CONFIG=Y --add-opens java.xml/jdk.xml.internal=ALL-UNNAMED --add-opens java.base/java.lang=ALL-UNNAMED --add-opens java.base/java.lang.invoke=ALL-UNNAMED --add-opens java.base/java.lang.reflect=ALL-UNNAMED --add-opens java.base/java.io=ALL-UNNAMED --add-opens java.base/java.net=ALL-UNNAMED --add-opens java.base/java.nio=ALL-UNNAMED --add-opens java.base/java.util=ALL-UNNAMED --add-opens java.base/java.util.concurrent=ALL-UNNAMED --add-opens java.base/java.util.concurrent.atomic=ALL-UNNAMED --add-opens java.base/sun.nio.ch=ALL-UNNAMED --add-opens java.base/sun.nio.cs=ALL-UNNAMED --add-opens java.base/sun.security.action=ALL-UNNAMED --add-opens java.base/sun.util.calendar=ALL-UNNAMED --add-opens java.security.jgss/sun.security.krb5=ALL-UNNAMED --add-exports java.base/sun.nio.ch=ALL-UNNAMED org.apache.hop.ui.hopgui.HopGui

===[Starting Hop]=====
```

Wait about 30 to 45 seconds for the main Hop window to open up:

