



JAVA、ECLIPSE和 JKAREL八成品安裝教學

楊可東

下載 JAVA

- 搜尋「Java SE」，或點擊連結到官網

The screenshot shows the Oracle Java Downloads page for JDK 17. The browser address bar shows the URL: oracle.com/java/technologies/downloads/#jdk17-windows. The page features the Oracle logo and navigation links: Products, Industries, Resources, Support, Events, Developer, Partners, View Accounts, and Contact Sales. The main content area is titled "Java 17 available now" and includes a paragraph about the latest long-term support release, a link to "Learn about Java SE Subscription", and a note that JDK 17 will receive updates until at least September 2024. Below this, the "Java SE Development Kit 17.0.2 downloads" section thanks users for downloading and provides information about the JDK. A table lists download options for Windows, including x64 Compressed Archive, x64 Installer, and x64 MSI Installer, with their respective file sizes and download links. A section for "JDK 17 Script-friendly URLs" explains that the URLs remain the same for updates and provides a link to learn more about automating downloads. At the bottom, there is a "Documentation Download" button and a "Release information" section with a link to "Online Documentation".

Java 17 available now

Java 17 LTS is the latest long-term support release for the Java SE platform. JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions](#).

JDK 17 will receive updates under these terms, until at least September 2024.

[Learn about Java SE Subscription](#)

Java SE Development Kit 17.0.2 downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications and components using the Java programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and running on the Java platform.

Linux macOS Windows

Product/file description	File size	Download
x64 Compressed Archive	171.34 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256 🔗)
x64 Installer	152.43 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256 🔗)
x64 MSI Installer	151.32 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256 🔗)

JDK 17 Script-friendly URLs

The URLs listed above will remain the same for all JDK 17 updates to allow their use in scripts.

[Learn more about automating the downloads of JDK 17](#)

[Documentation Download](#)

Release information

[Online Documentation](#)

下載 JAVA

- 找到符合電腦作業系統的安裝檔

The screenshot shows the Oracle Java Downloads page for JDK 17. The browser address bar shows the URL: oracle.com/java/technologies/downloads/#jdk17-windows. The page features the Oracle logo and navigation links. A section titled "Java 17 available now" provides information about the latest long-term support release. Below this, the "Java SE Development Kit 17.0.2 downloads" section is visible. It includes a thank you message and a table of download links for Windows. The "Windows" tab is highlighted with a red box. The table lists three download options: x64 Compressed Archive, x64 Installer, and x64 MSI Installer, each with its file size and a download link. A "Documentation Download" button is located at the bottom of the page.

Java 17 available now

Java 17 LTS is the latest long-term support release for the Java SE platform. JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions](#).

JDK 17 will receive updates under these terms, until at least September 2024.

Java SE Development Kit 17.0.2 downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications and components using the Java programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and running on the Java platform.

Linux macOS Windows

Product/file description	File size	Download
x64 Compressed Archive	171.34 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256 Link)
x64 Installer	152.43 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256 Link)
x64 MSI Installer	151.32 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256 Link)

JDK 17 Script-friendly URLs

The URLs listed above will remain the same for all JDK 17 updates to allow their use in scripts.

[Learn more about automating the downloads of JDK 17](#)

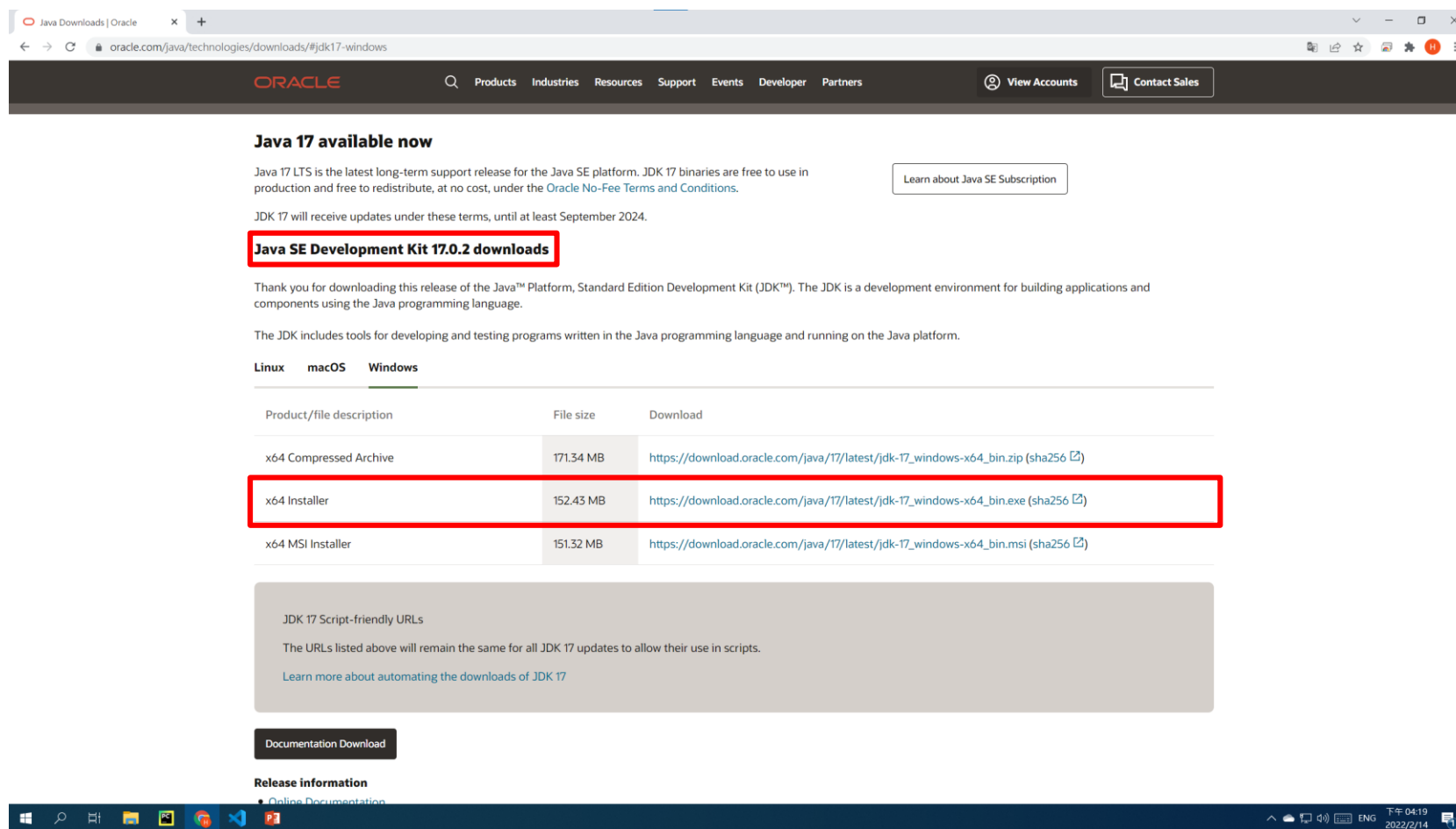
Documentation Download

Release information

[Online Documentation](#)

下載 JAVA

- 下載對應的Java SE Development Kit 17.0.2安裝檔



Java 17 available now

Java 17 LTS is the latest long-term support release for the Java SE platform. JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the [Oracle No-Fee Terms and Conditions](#).

JDK 17 will receive updates under these terms, until at least September 2024.

Java SE Development Kit 17.0.2 downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications and components using the Java programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and running on the Java platform.

Linux macOS Windows

Product/file description	File size	Download
x64 Compressed Archive	171.34 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256 [link])
x64 Installer	152.43 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256 [link])
x64 MSI Installer	151.32 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256 [link])

JDK 17 Script-friendly URLs

The URLs listed above will remain the same for all JDK 17 updates to allow their use in scripts.

[Learn more about automating the downloads of JDK 17](#)

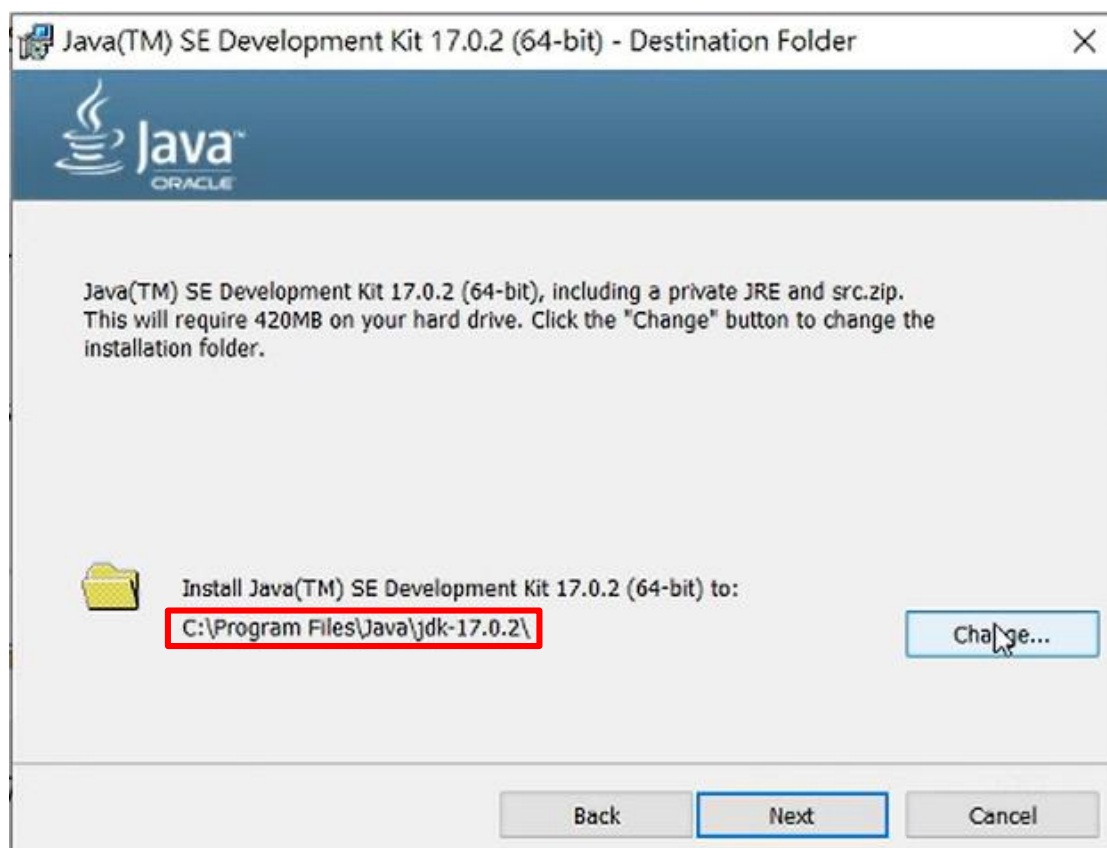
[Documentation Download](#)

Release information

[Online Documentation](#)

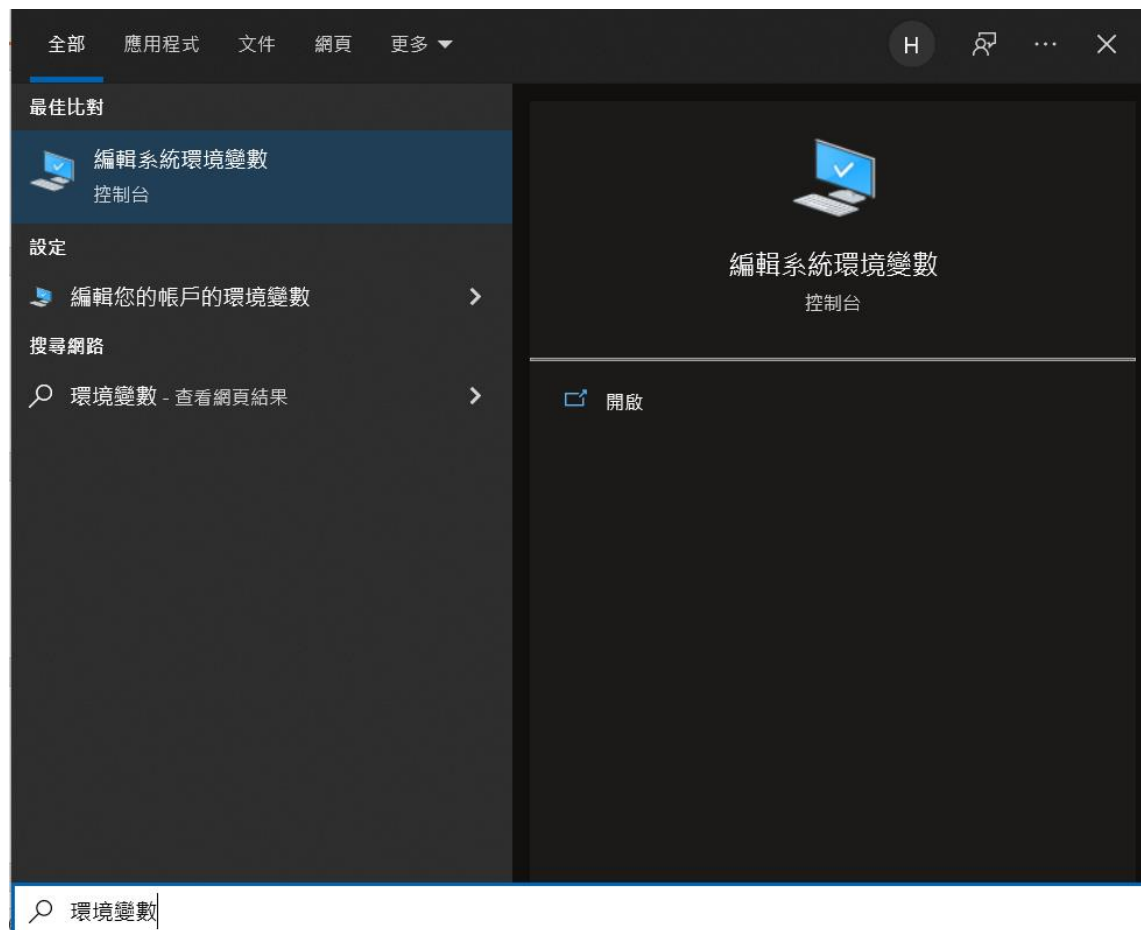
下載JAVA

- 執行Java安裝檔，記住檔案存檔路徑



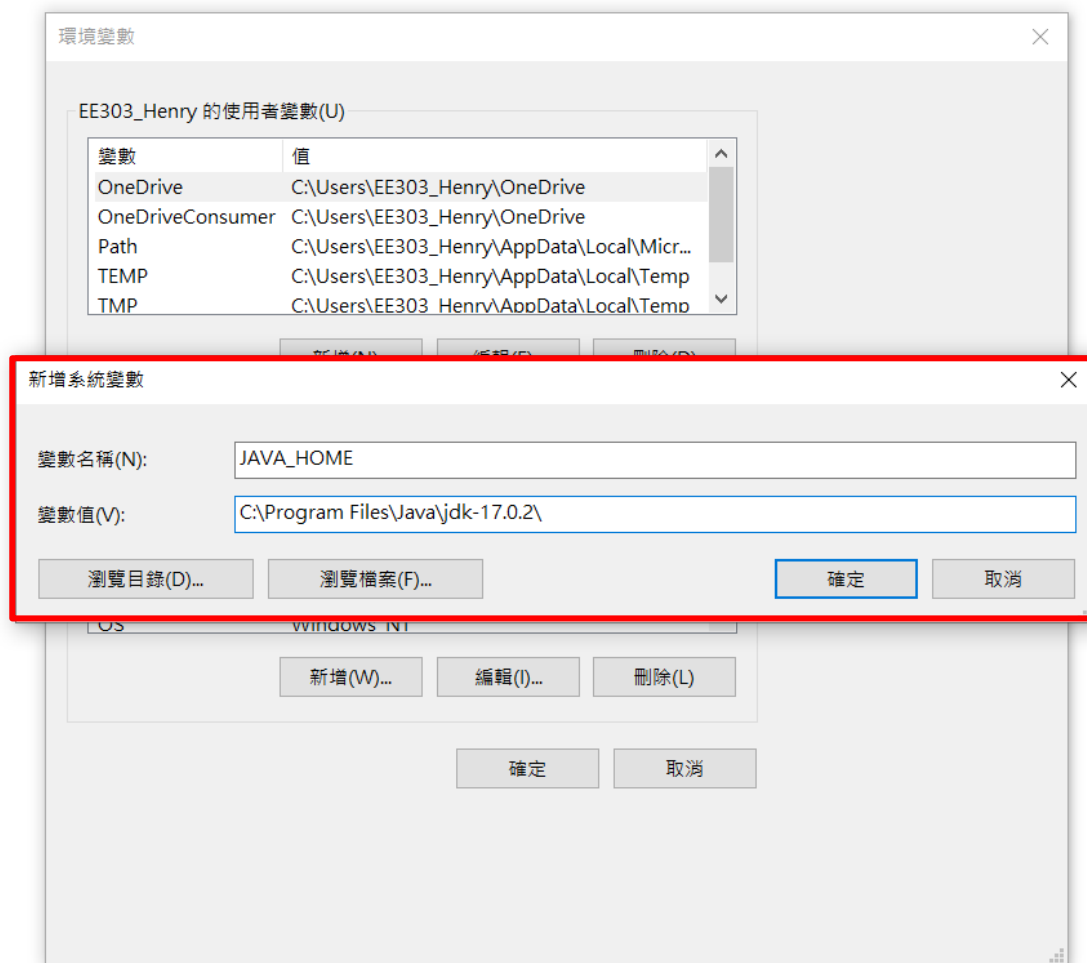
設定環境變數

- 在電腦中搜尋(WIN+Q)「環境變數」，點擊環境變數



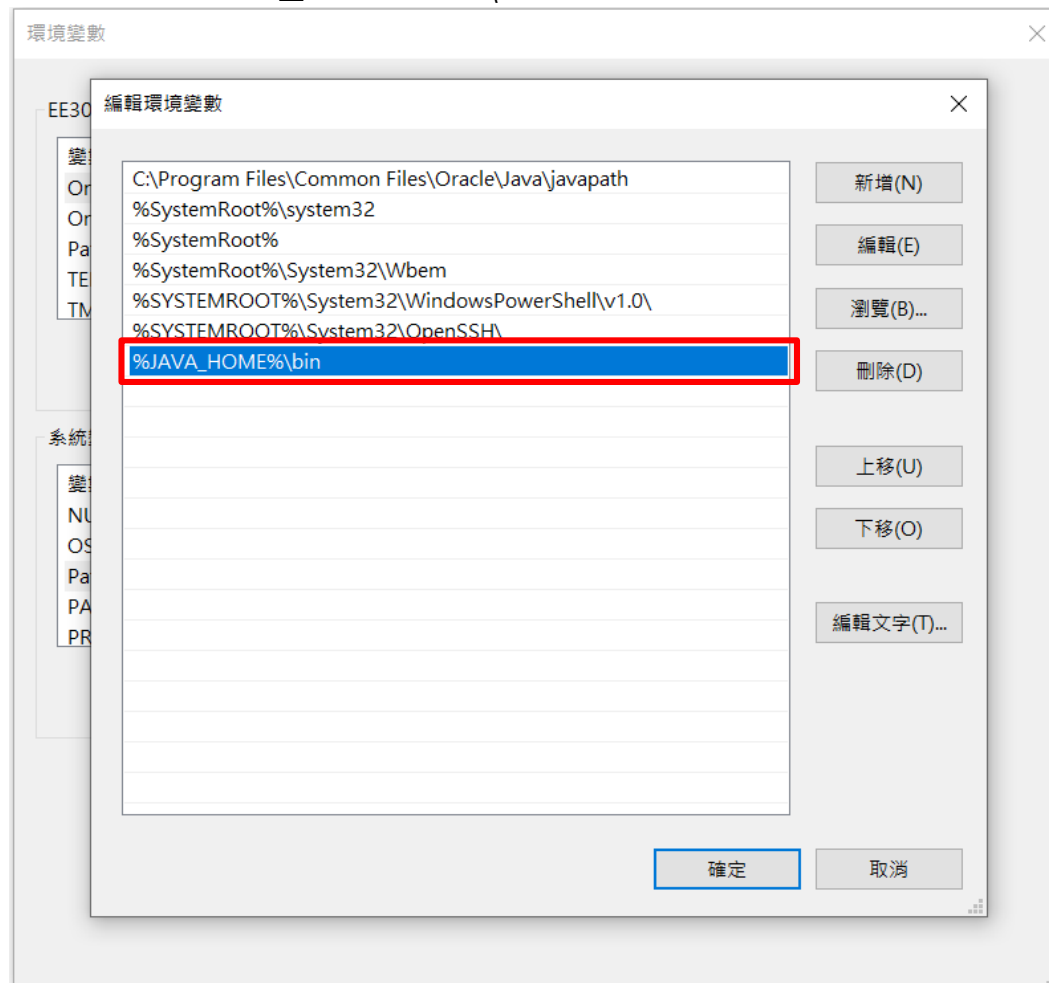
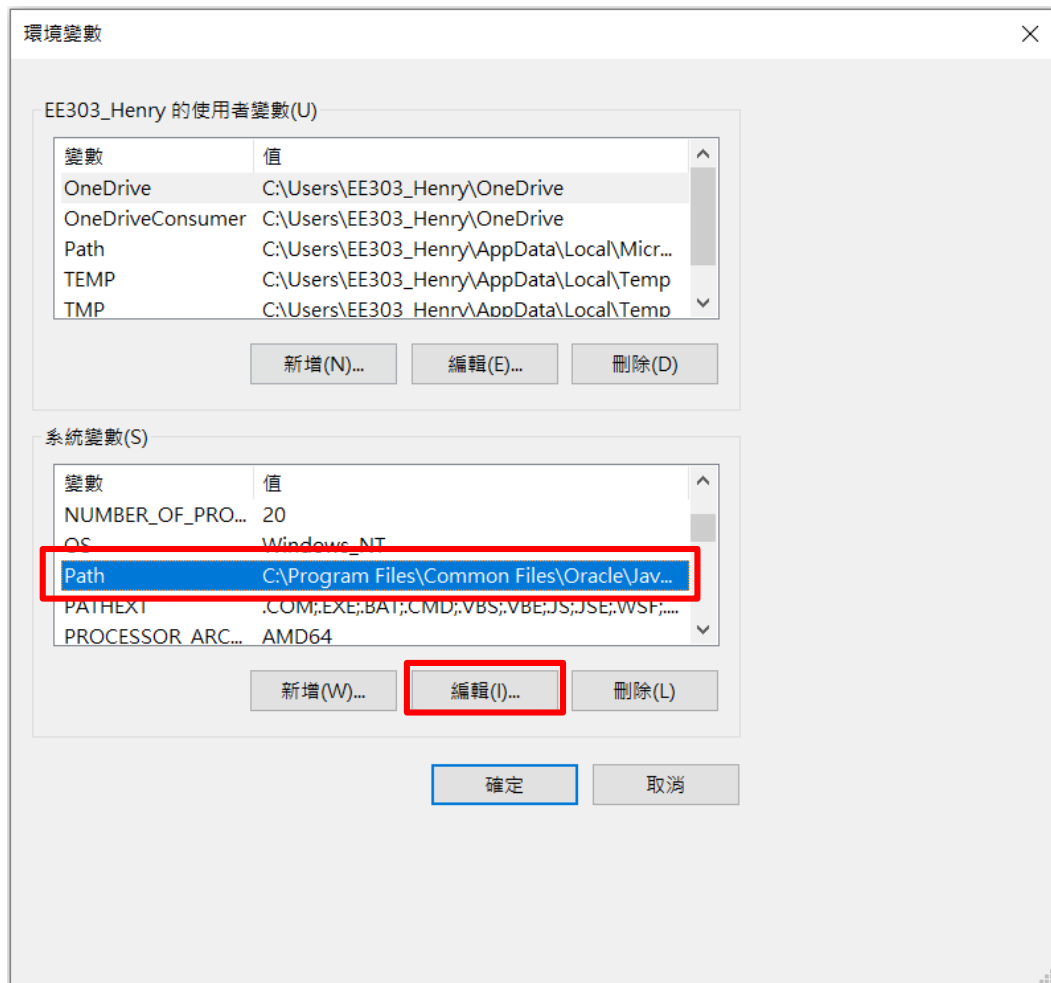
設定環境變數

- 在系統變數中新增一個變數命名為「JAVA_HOME」，並在變數欄輸入剛剛Java存檔的路徑



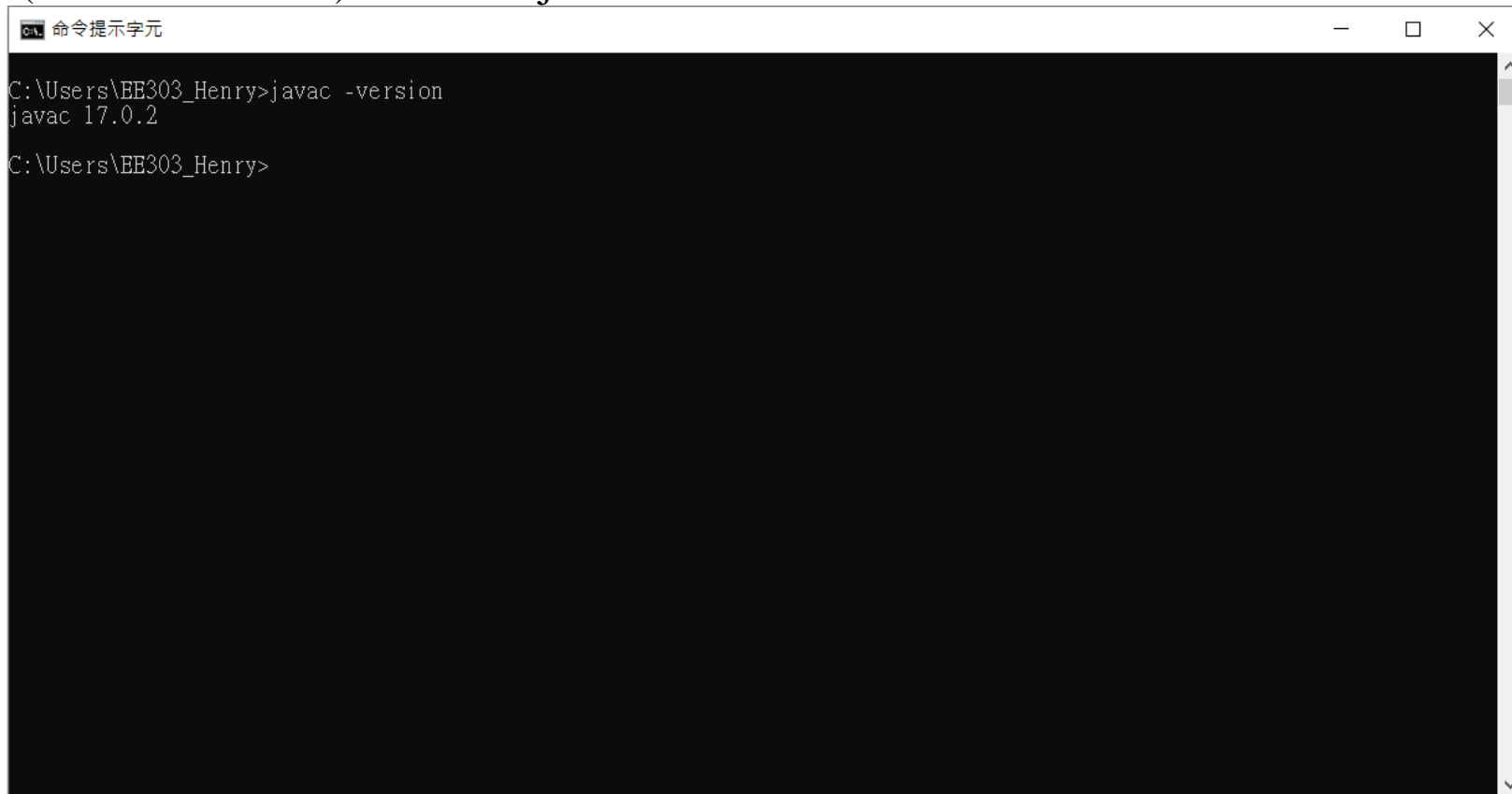
設定環境變數

- 在系統變數中找到「Path」，點擊編輯，新增一個「%JAVA_HOME%\bin」



設定環境變數

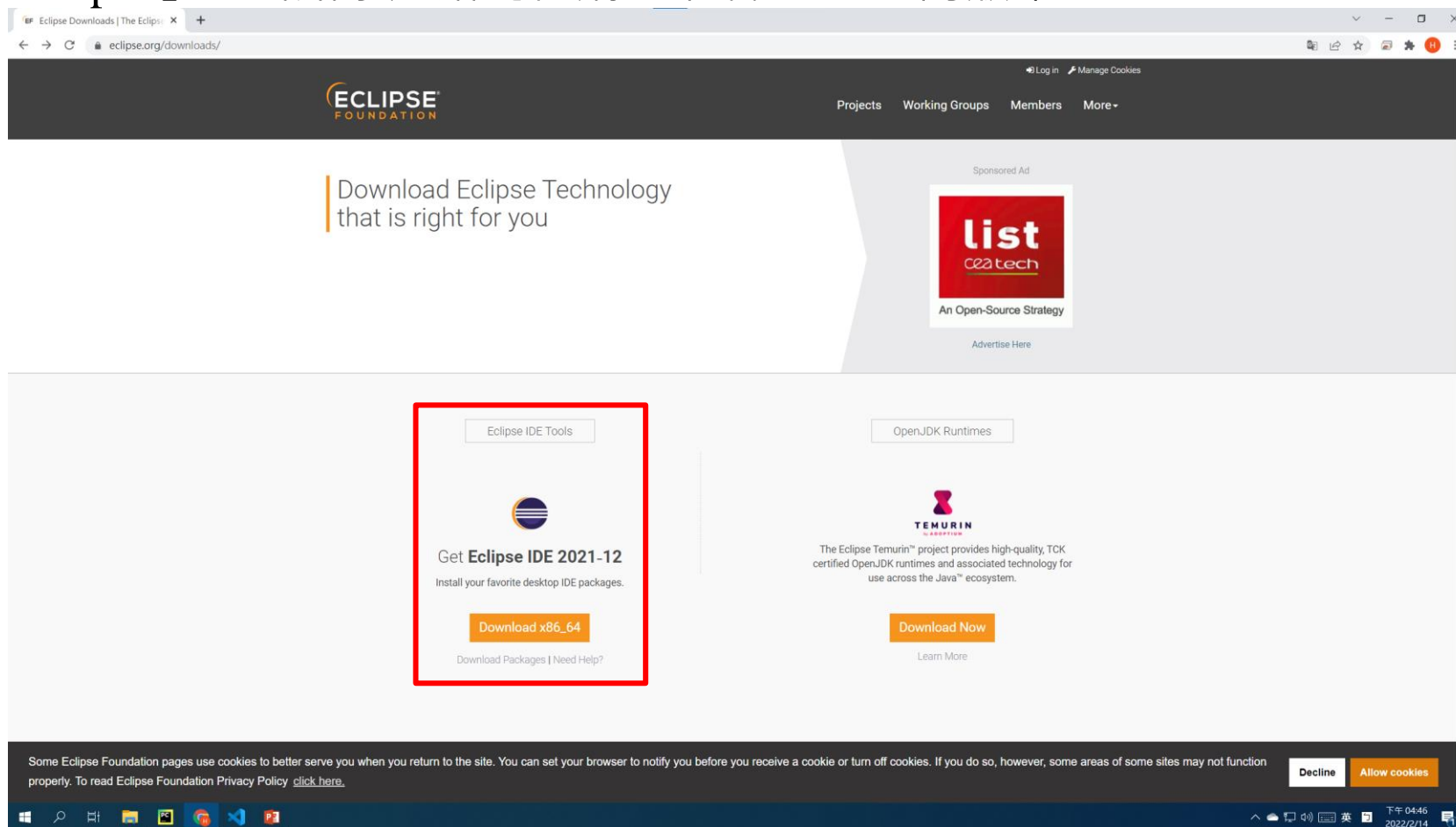
- 打開CMD(命令提示字元)，輸入「javac -version」，確認先前設定是否正確



```
命令提示字元
C:\Users\EE303_Henry>javac -version
javac 17.0.2
C:\Users\EE303_Henry>
```

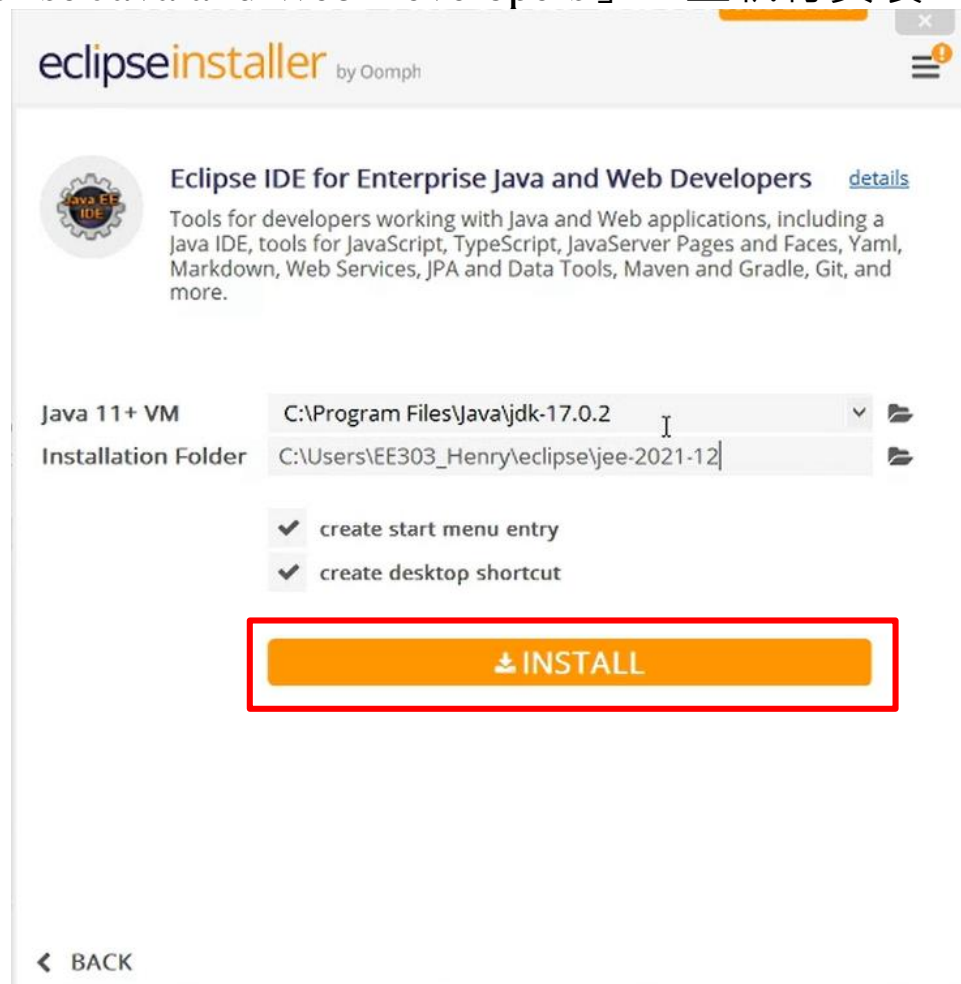
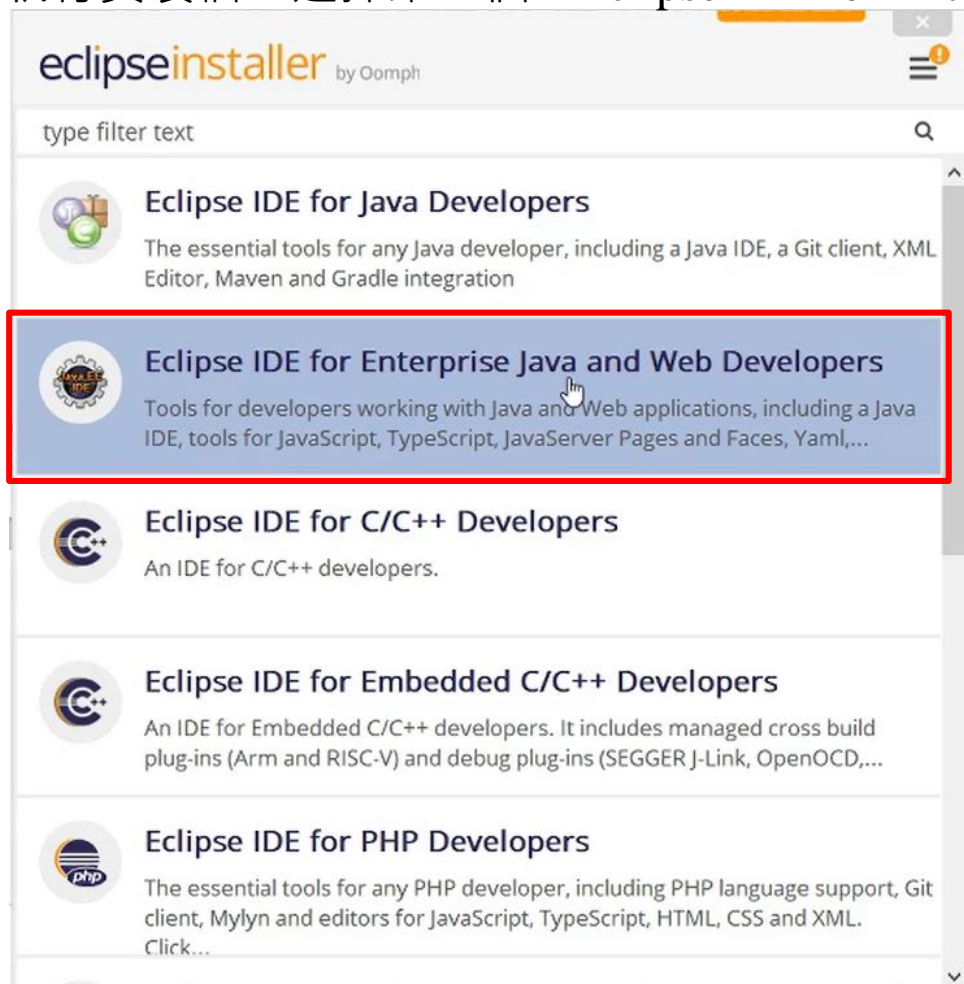
安裝 ECLIPSE

- 搜尋「Eclipse」，或點擊連結到官網。下載2021-12的版本



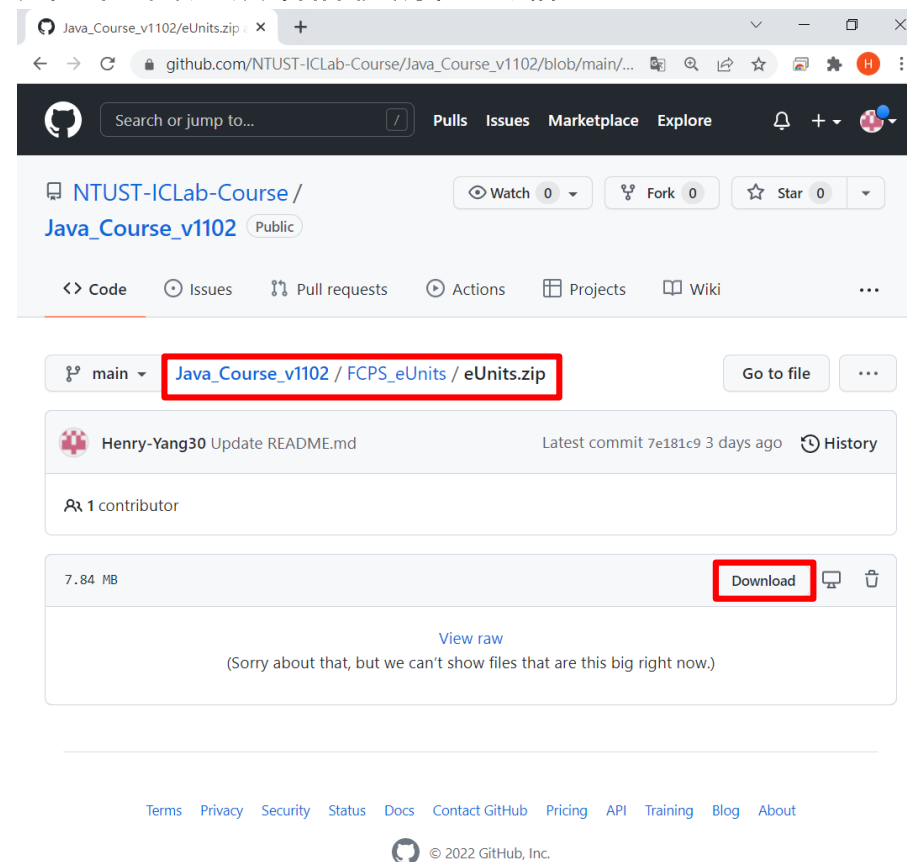
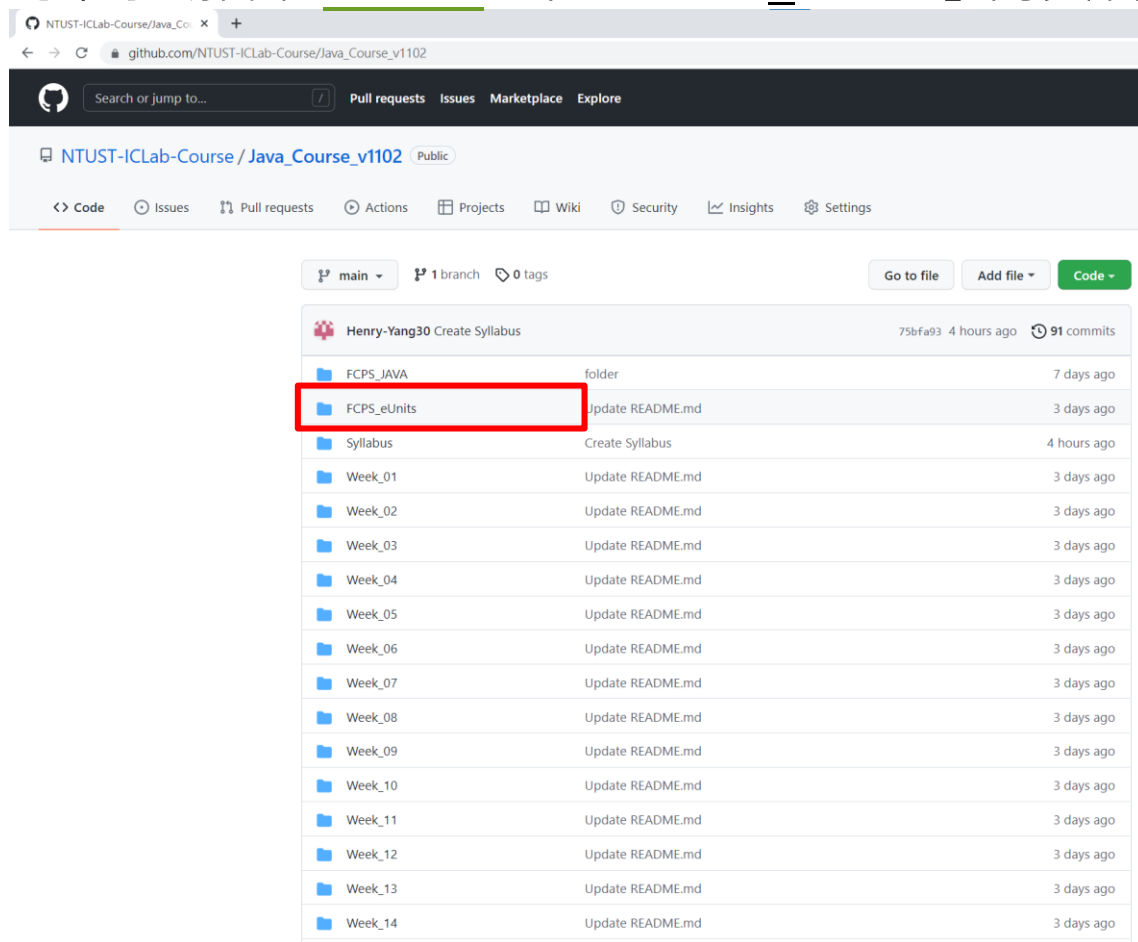
安裝 ECLIPSE

- 執行安裝檔，選擇第二個「Eclipse IDE for Enterprise Java and Web Developers」，並執行安裝



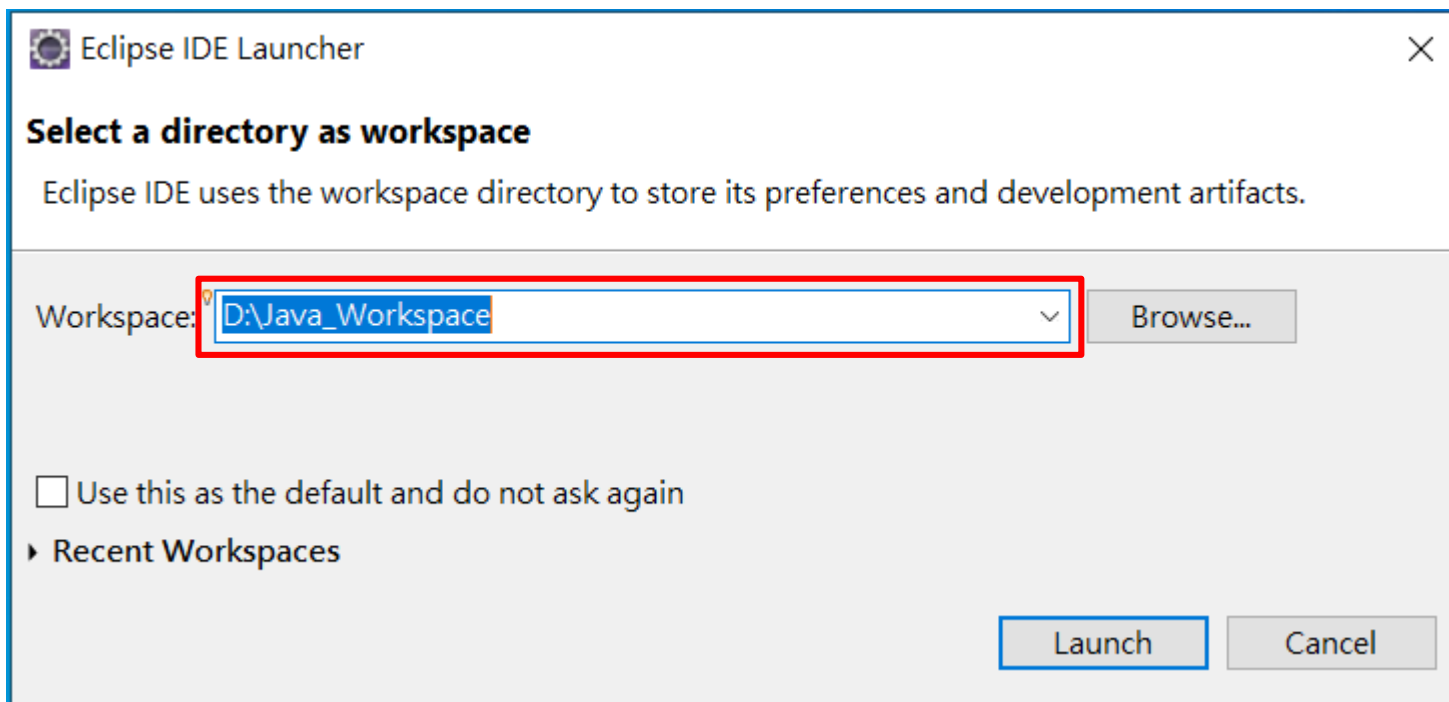
下載教材八成品

- 到本學期課程[GitHub](#)，在「FCPS_eUnits」的資料夾中下載八成品後解壓縮



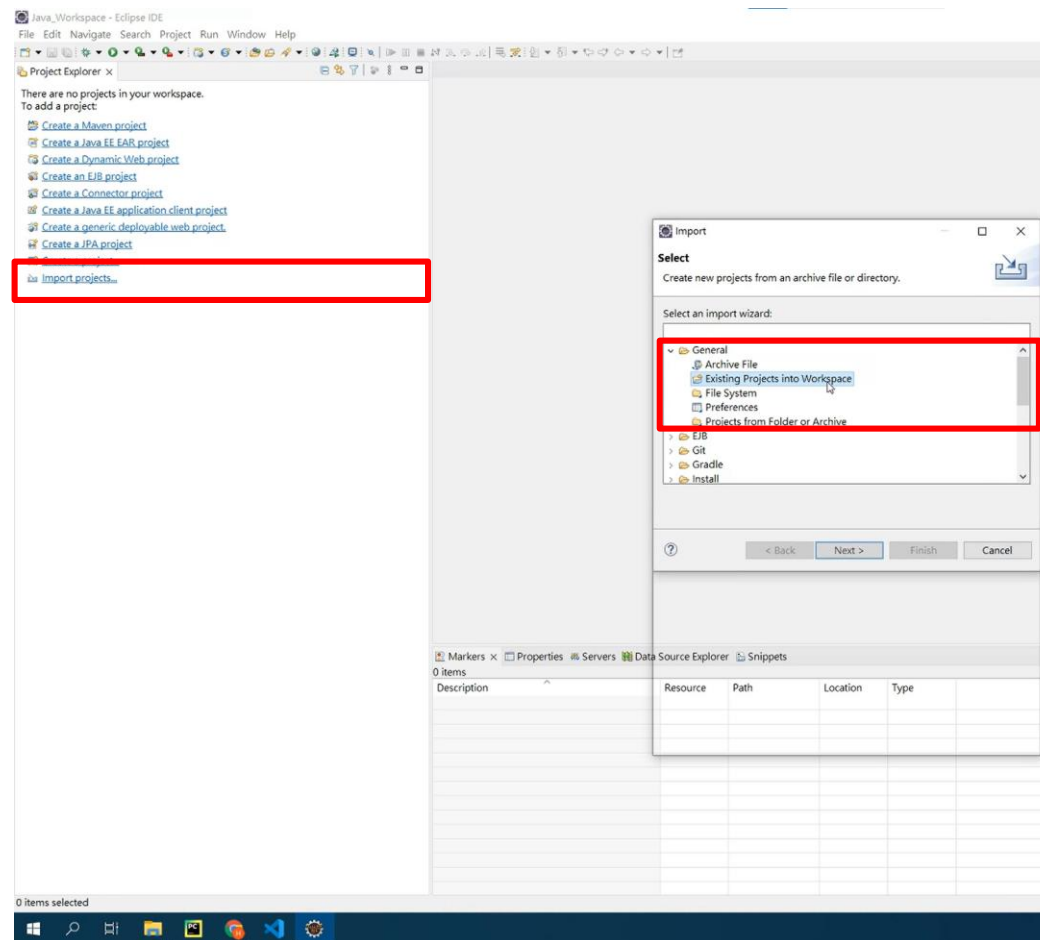
匯入課程八成品

- 啟動Eclipse，workspace選擇要存放課程code的路徑



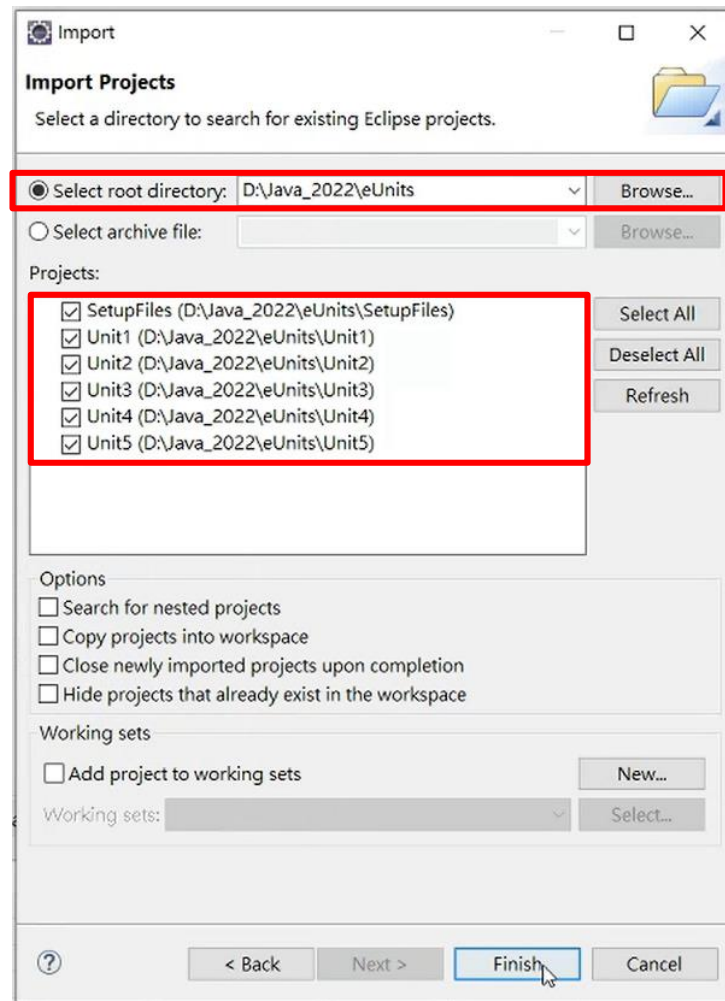
匯入課程八成品

1. 左側面板選擇Import projects
2. General > Existing Projects into Workspace

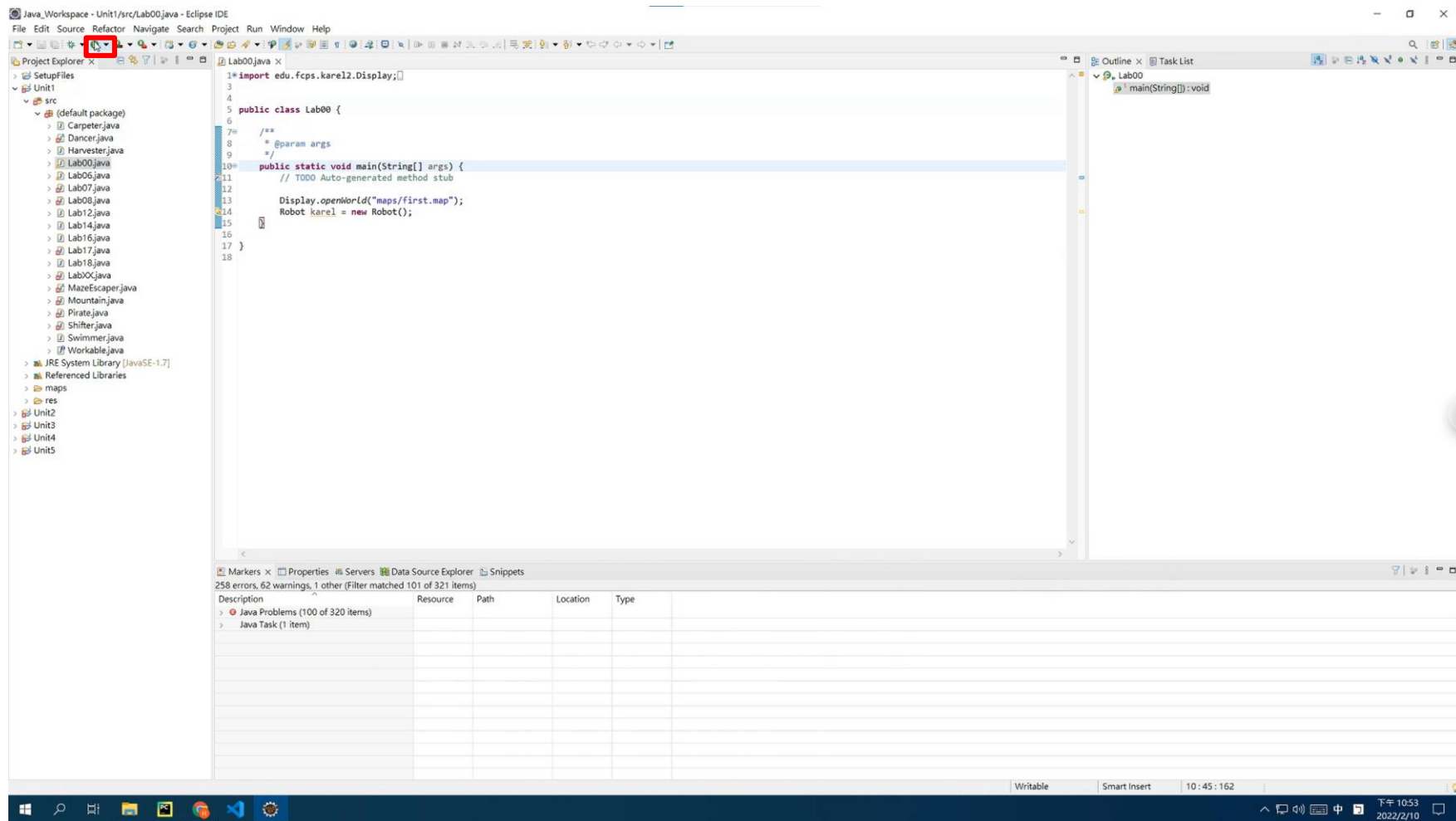


匯入課程八成品

- 啟動Eclipse，workspace選擇要存放課程code的路徑
- 3. Select root directory 填入解壓縮後eUnits的路徑
- 4. 將六個資料夾全部打勾後按Finish



執行UNIT1 LAB00





如有問題可寄信給助教
或於實習課上課時間詢問