



JAVA 、 ECLIPSE和JKAREL八成 品安裝教學

楊可東

下載 JAVA

- 搜尋「Java SE」，或點擊上方連結到官網

The screenshot shows the Oracle Java Downloads page for JDK 17 on Windows. The page has a dark header with the Oracle logo and navigation links. The main content area is white and contains the following sections:

- Java 17 available now**: A section announcing the latest long-term support release for the Java SE platform. It includes a link to "Learn about Java SE Subscription".
- Java SE Development Kit 17.0.2 downloads**: A section providing information about the JDK 17 release, including a thank you message and a link to "Learn more about automating the downloads of JDK 17".
- Download Table**: A table with three columns: Product/file description, File size, and Download. It lists three download options for Windows: x64 Compressed Archive (171.34 MB), x64 Installer (152.43 MB), and x64 MSI Installer (151.32 MB).
- JDK 17 Script-friendly URLs**: A section providing information about the URLs used for downloading JDK 17.
- Documentation Download**: A button linking to the documentation.
- Release information**: A section providing information about the release.

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 on Windows. The page has a dark header with the Oracle logo and navigation links. The main content area is white and contains the following sections:

- Java 17 available now**: A section with text about Java 17 LTS and a button to "Learn about Java SE Subscription".
- Java SE Development Kit 17.0.2 downloads**: A section with text about the JDK and a table of download links.
- Operating System Selection**: A row of tabs for "Linux", "macOS", and "Windows". The "Windows" tab is highlighted with a red box.
- Download Table**: A table with three columns: "Product/file description", "File size", and "Download". It lists three download options for Windows: "x64 Compressed Archive", "x64 Installer", and "x64 MSI Installer".
- JDK 17 Script-friendly URLs**: A section with text about script-friendly URLs and a link to "Learn more about automating the downloads of JDK 17".
- Documentation Download**: A button to download the documentation.
- Release information**: A section with a link to "Online Documentation".

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x64 MSI Installer	151.32 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256 🔗)

下載 JAVA

- 下載對應的Java SE Development Kit 17.0.2安裝檔。注意：本學期課程使用版本為17.0.2

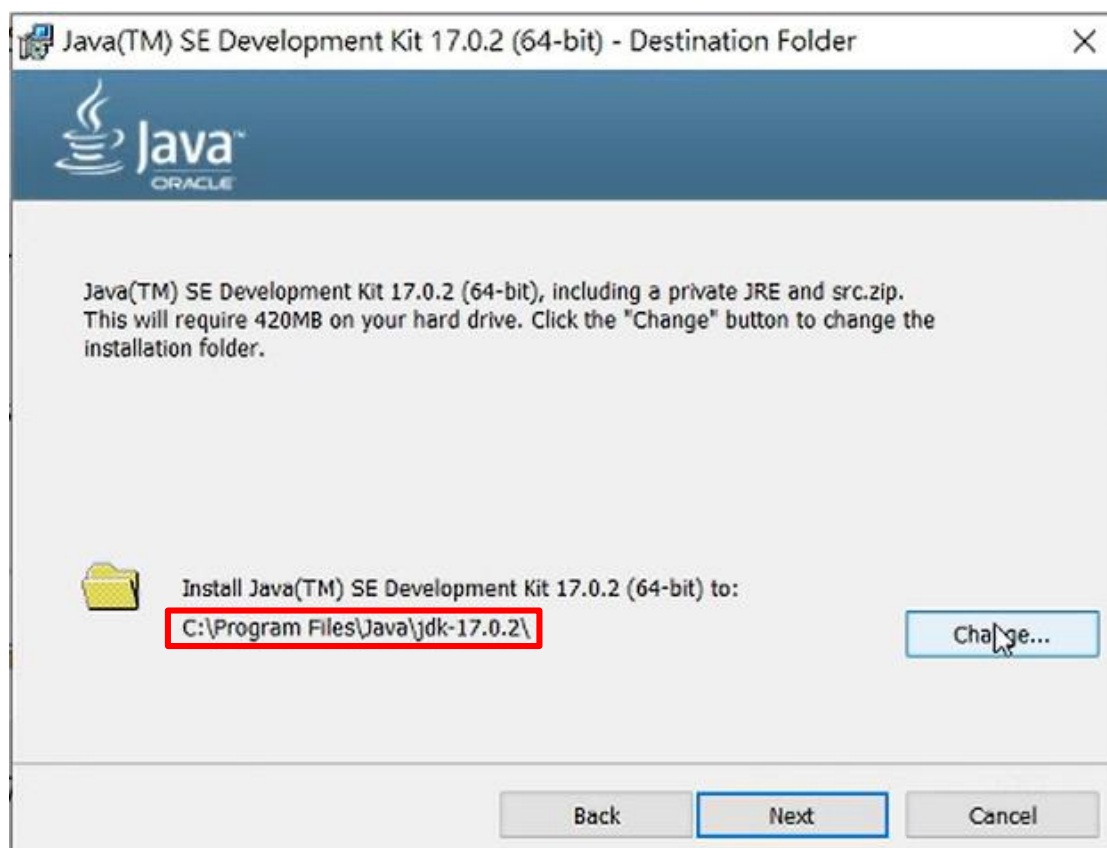
The screenshot shows the Oracle Java Downloads page for JDK 17.0.2 on Windows. The page has a dark header with the Oracle logo and navigation links. The main content area is white and contains the following sections:

- Java 17 available now**: A section with text about Java 17 LTS and a link to "Learn about Java SE Subscription".
- Java SE Development Kit 17.0.2 downloads**: A section with a red border, containing text about the JDK and a table of download links.
- Linux macOS Windows**: A section with tabs for different operating systems, with "Windows" selected.
- Table of download links**: A table with three columns: "Product/file description", "File size", and "Download". The "x64 MSI Installer" row is highlighted with a red border.
- JDK 17 Script-friendly URLs**: A section with text about script-friendly URLs and a link to "Learn more about automating the downloads of JDK 17".
- Documentation Download**: A button to download the documentation.
- Release information**: A section with a link to "Online Documentation".

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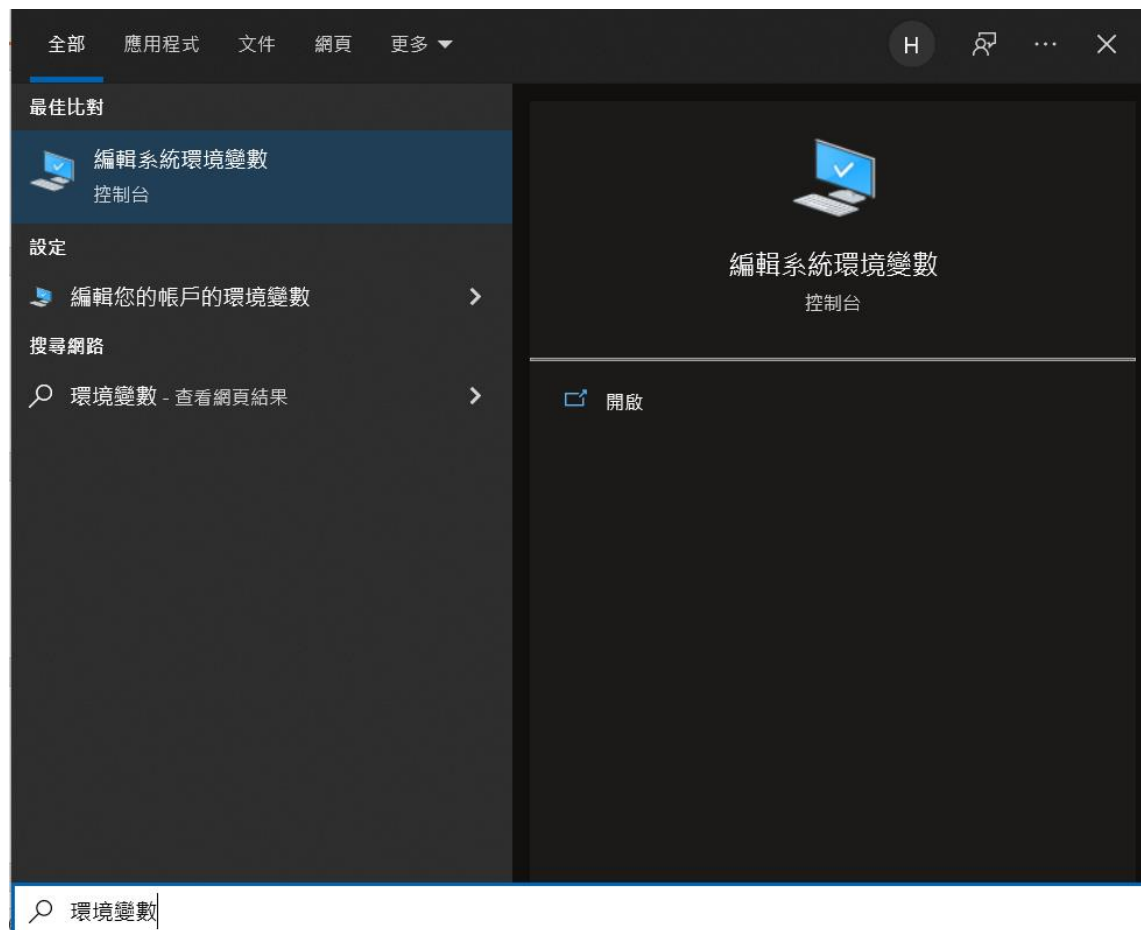
下載JAVA

- 執行Java安裝檔，記住檔案存檔路徑(default : C:\Program Files\Java\jdk-17.0.3\)



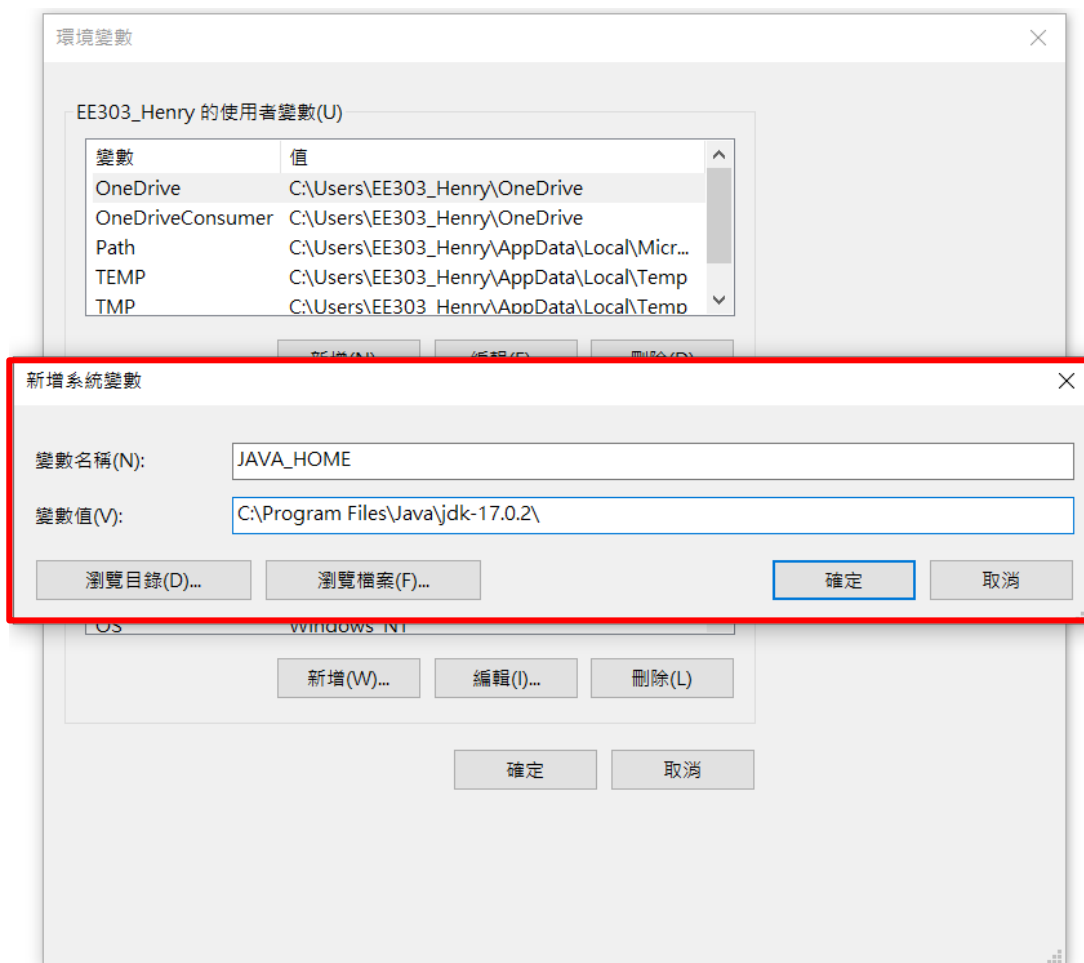
設定環境變數

- 在電腦中搜尋(WIN+Q)「環境變數」，點擊環境變數



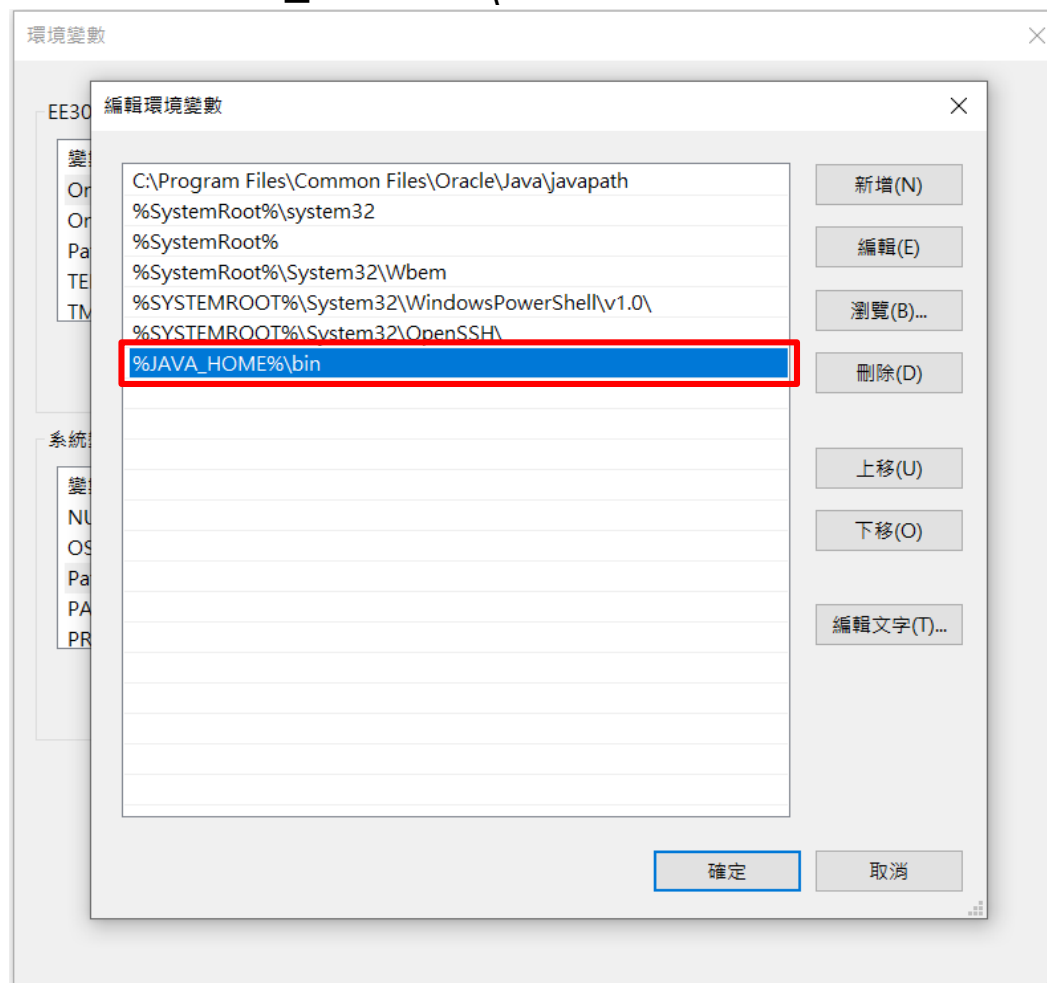
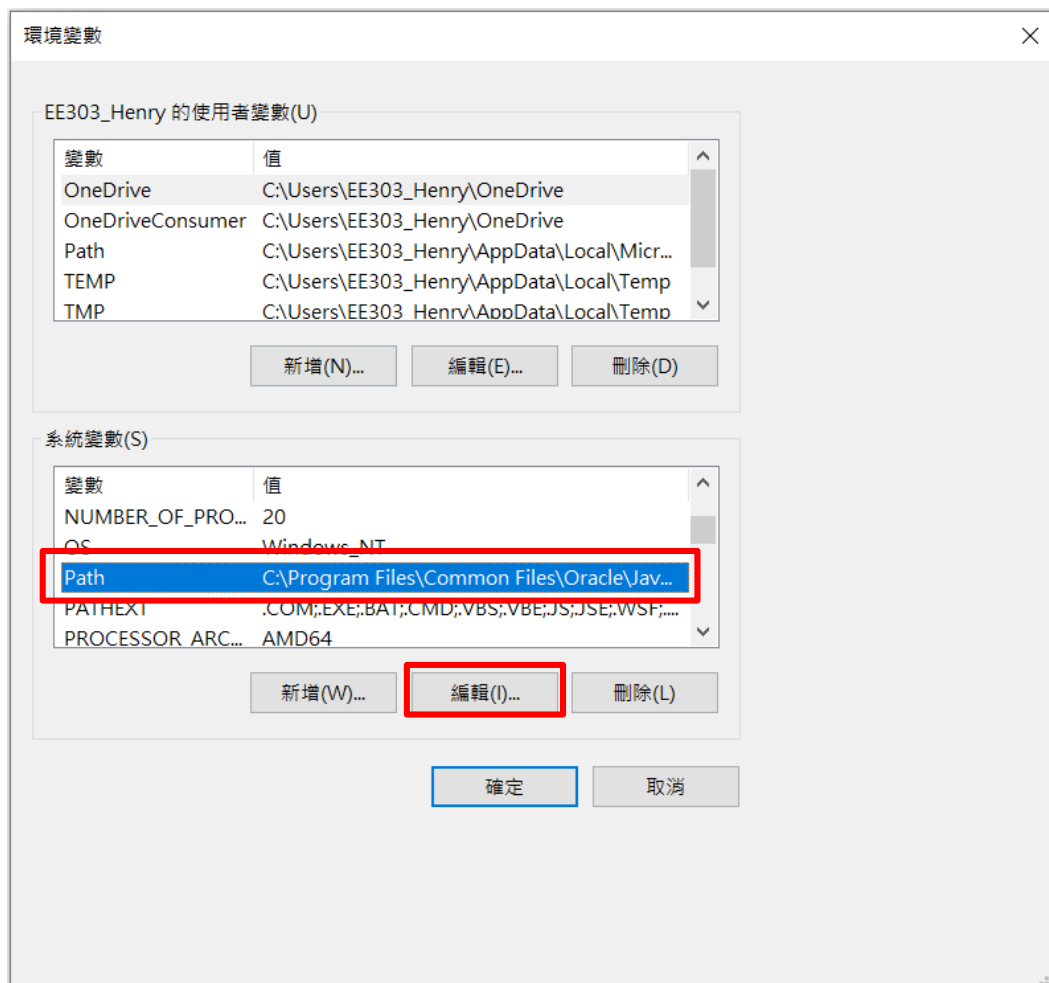
設定環境變數

- 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



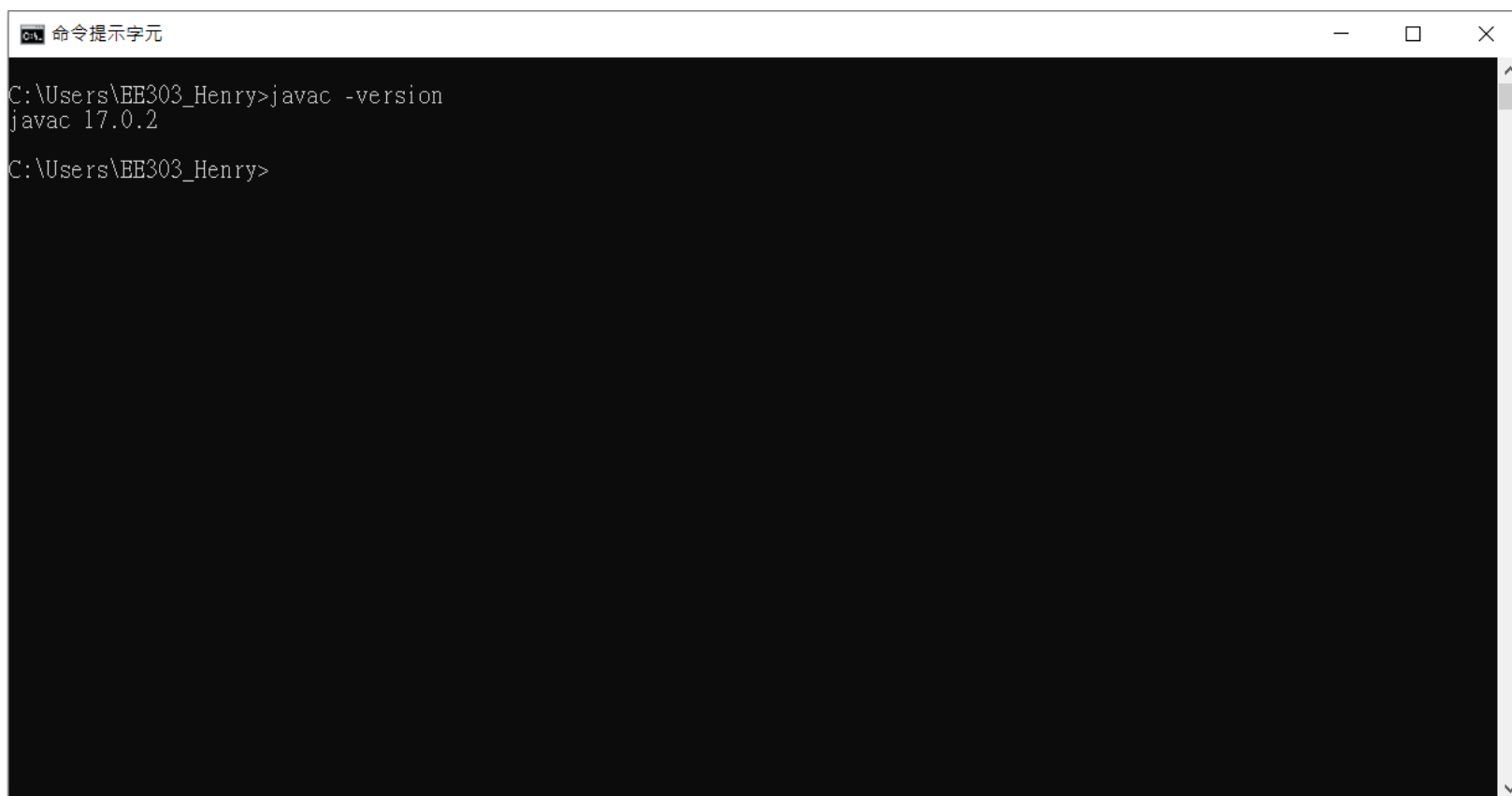
設定環境變數

- 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

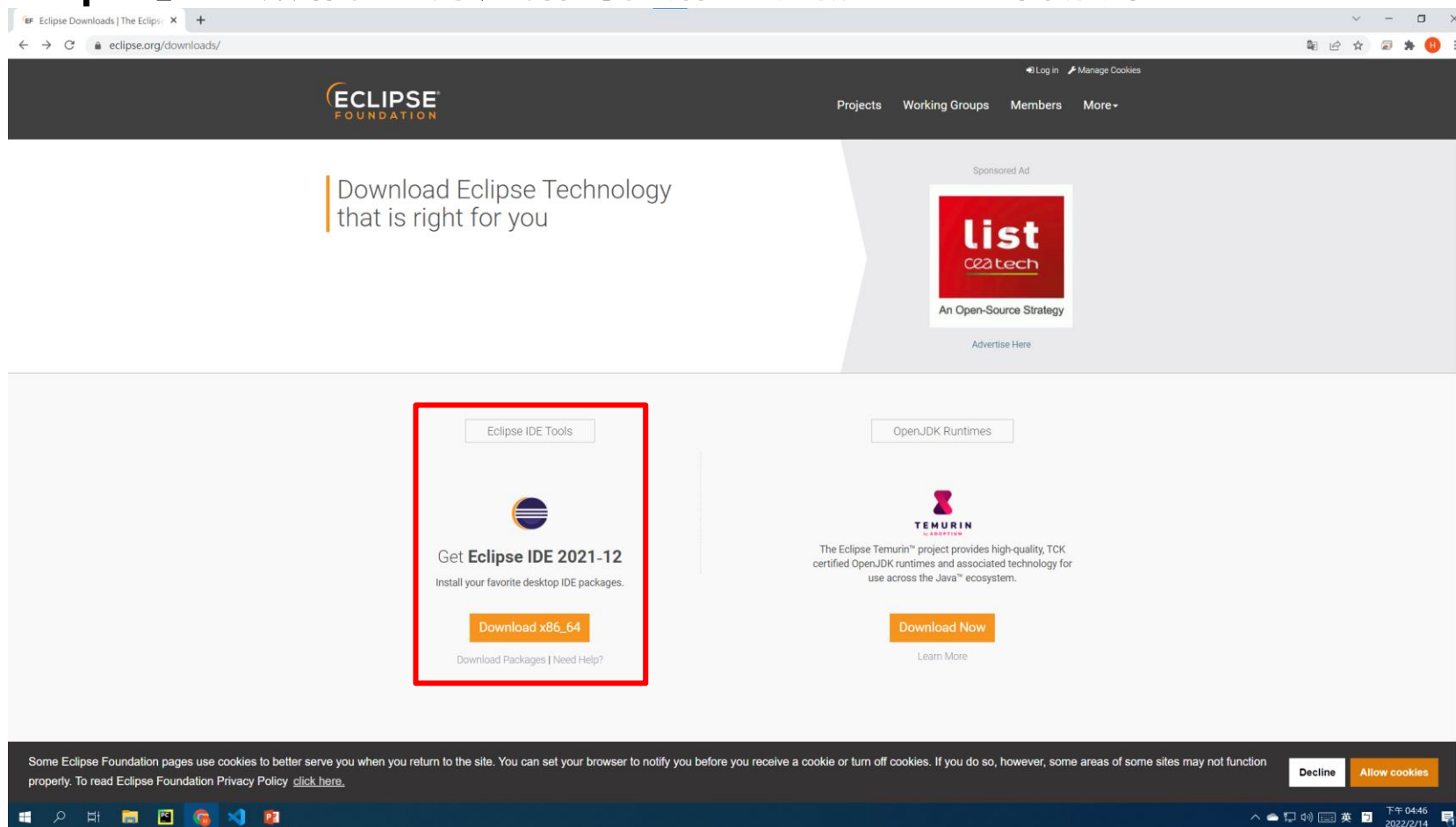
- 打開CMD(命令提示字元) ，輸入「`javac -version`」，確認先前設定是否正確



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

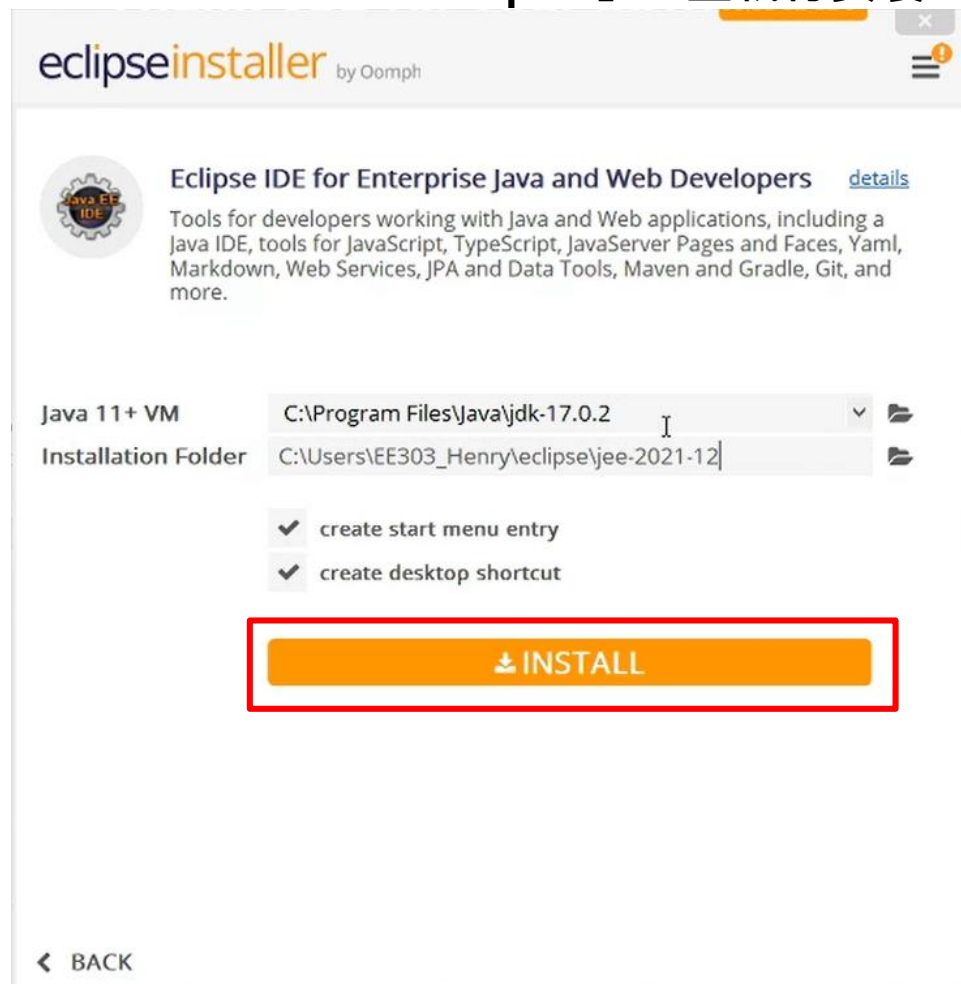
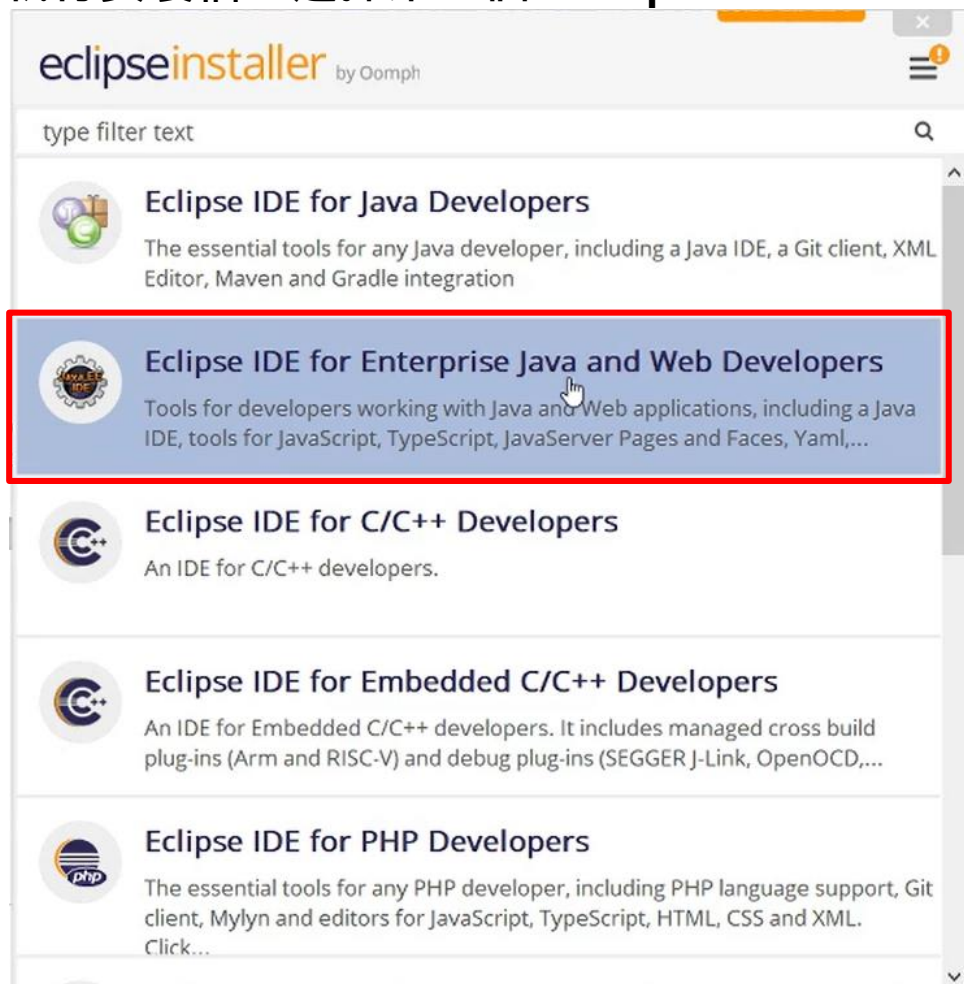
安裝 ECLIPSE

- 搜尋「Eclipse」，或點擊上方連結到官網。下載2021-12的版本



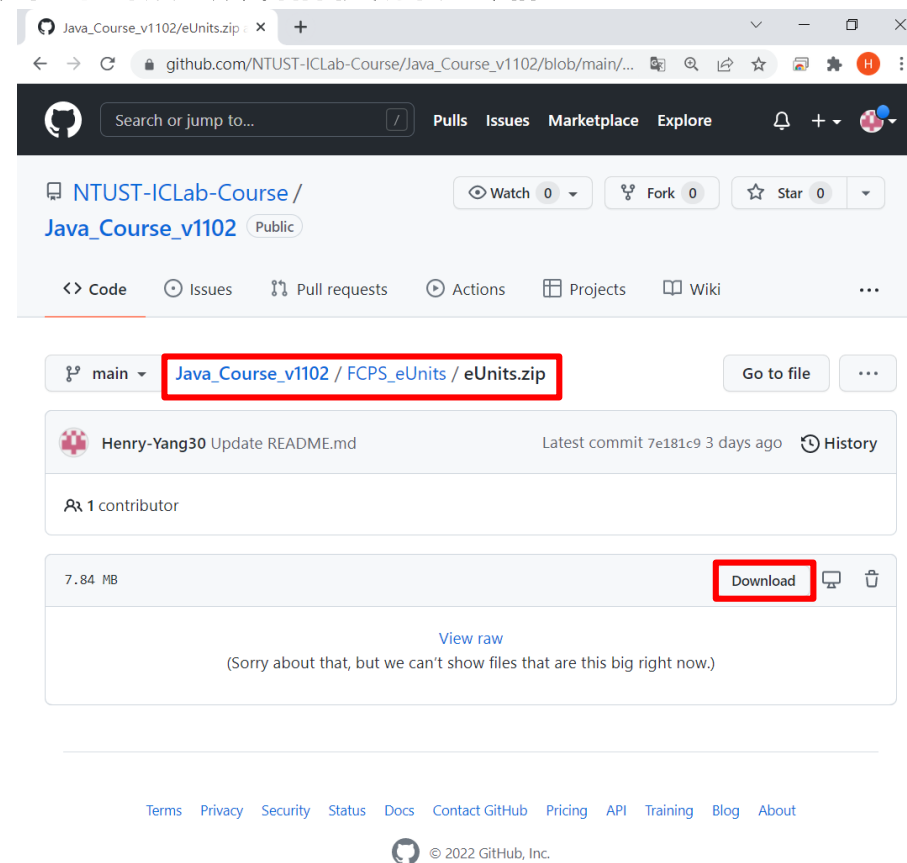
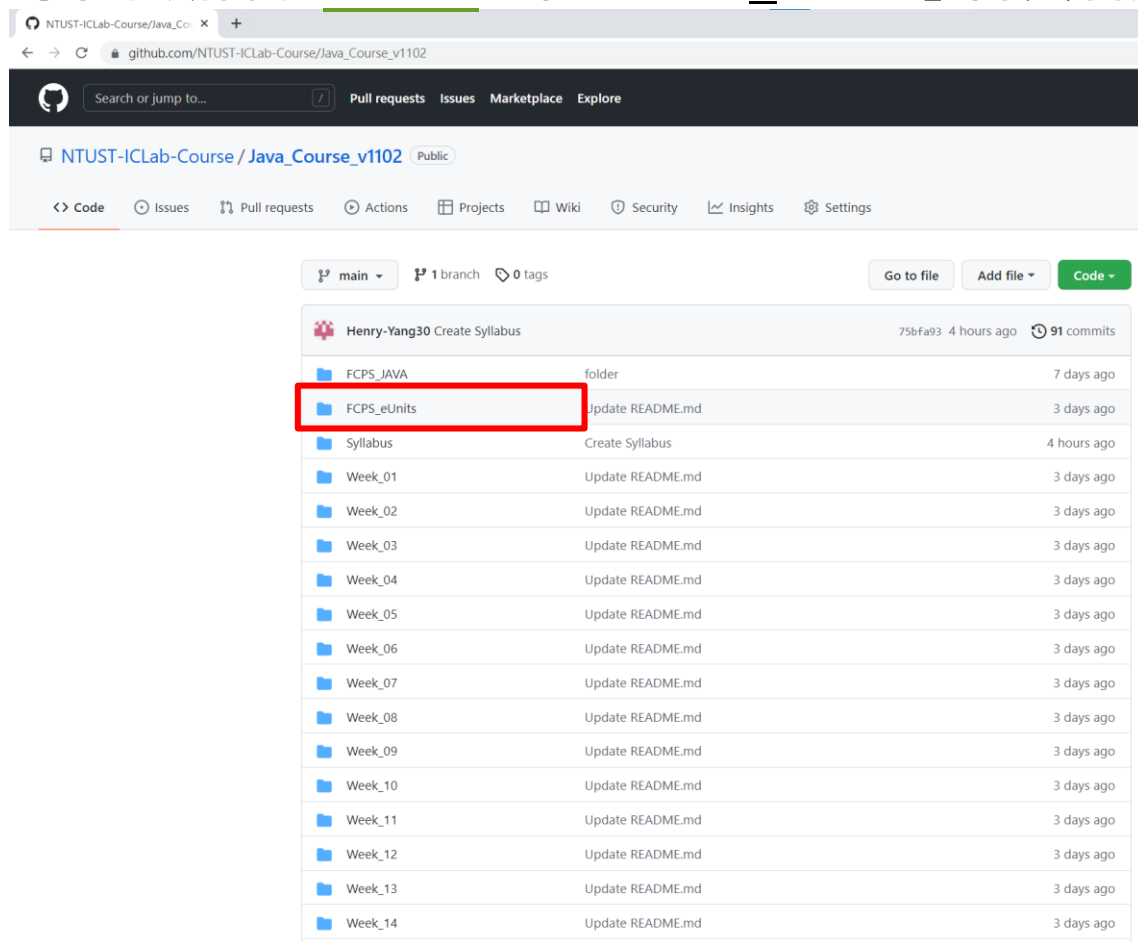
安裝 **ECLIPSE**

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



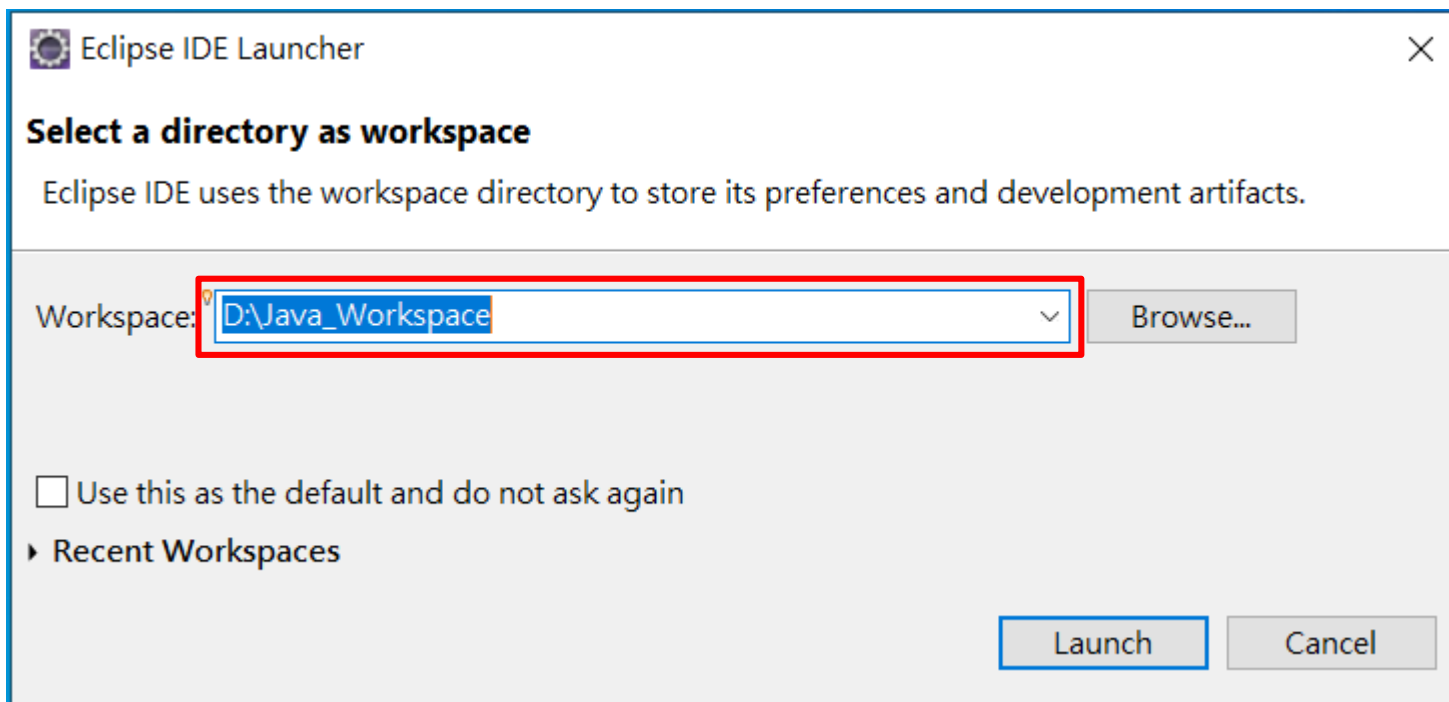
下載教材八成品

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



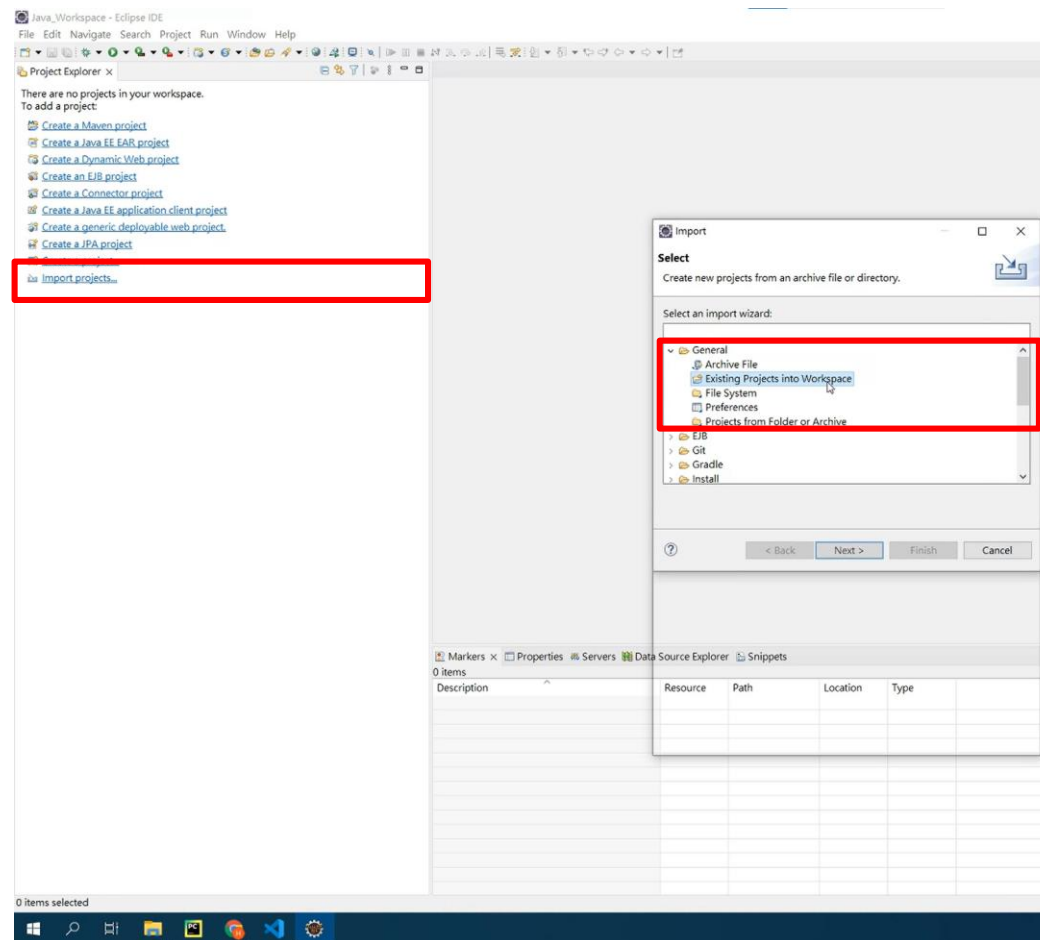
匯入課程八成品

- 啟動Eclipse，Workspace選擇欲存放課程code的路徑



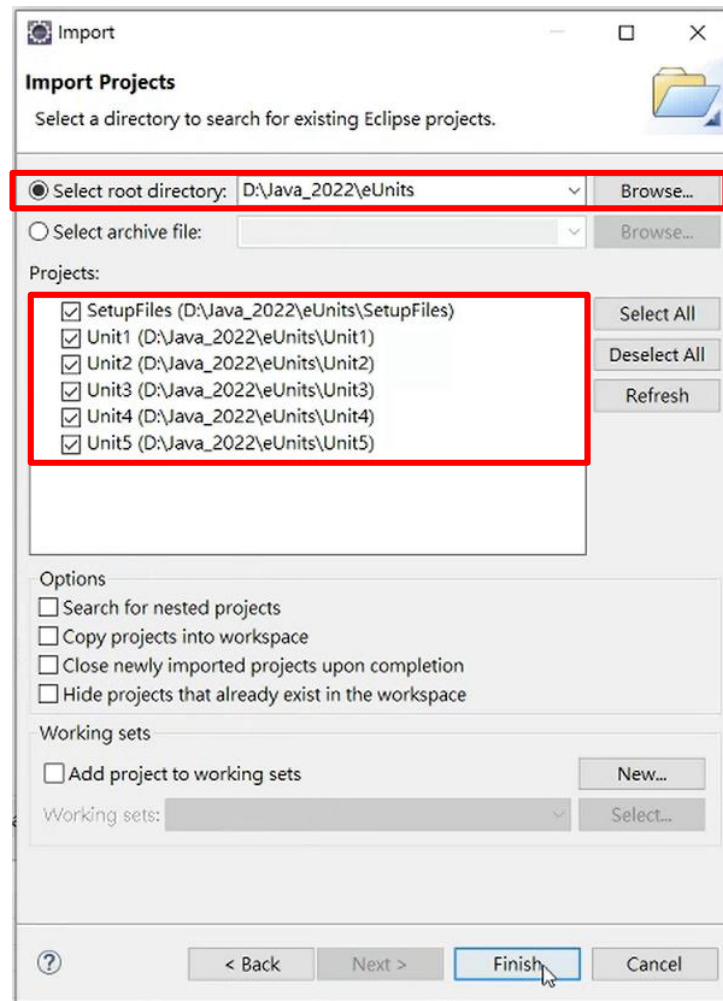
匯入課程八成品

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

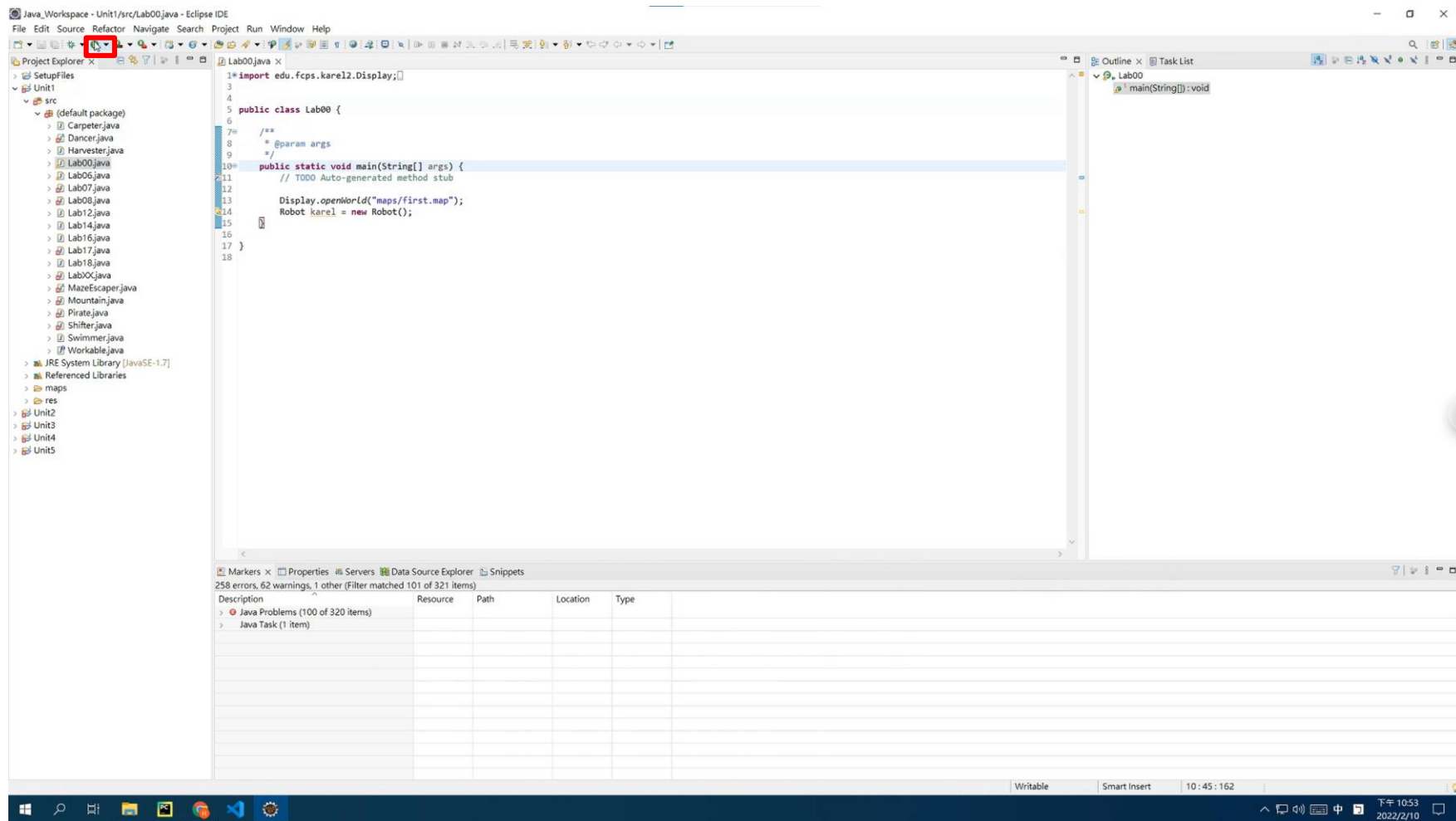


匯入課程八成品

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

助教聯絡方式：

楊可東

m11007007@mail.ntust.edu.tw

林晉德

m10907327@mail.ntust.edu.tw