

# HƯỚNG DẪN CÀI ĐẶT APPIUM CHO ANDROID

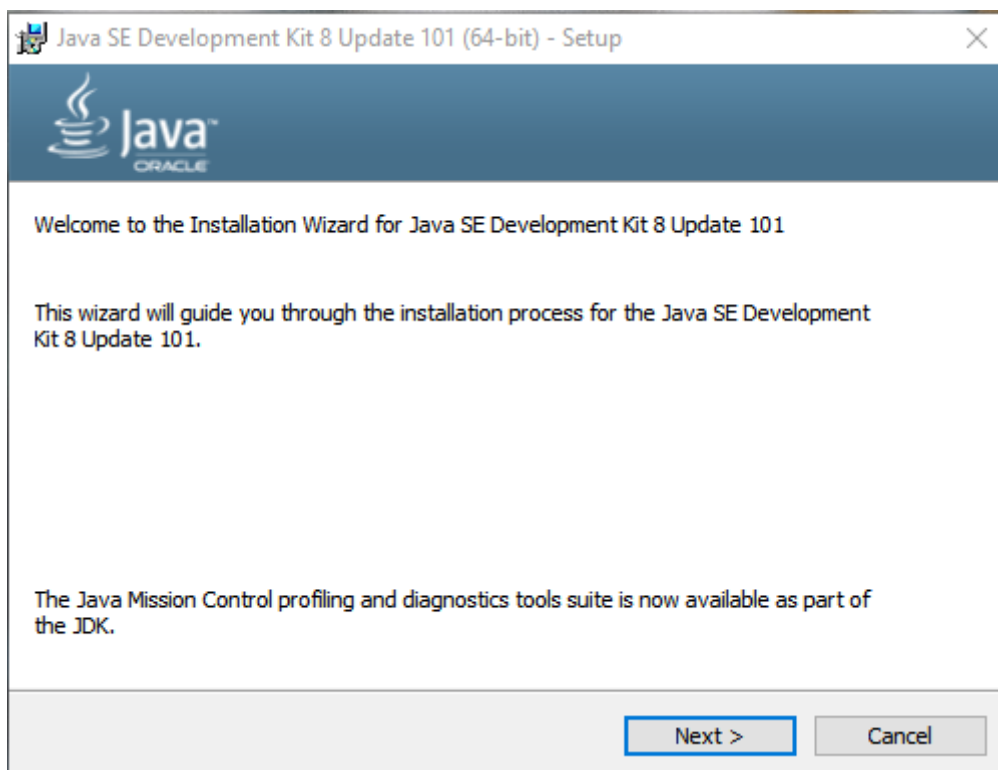
Các phần mềm yêu cầu khi tiến hành cài đặt:

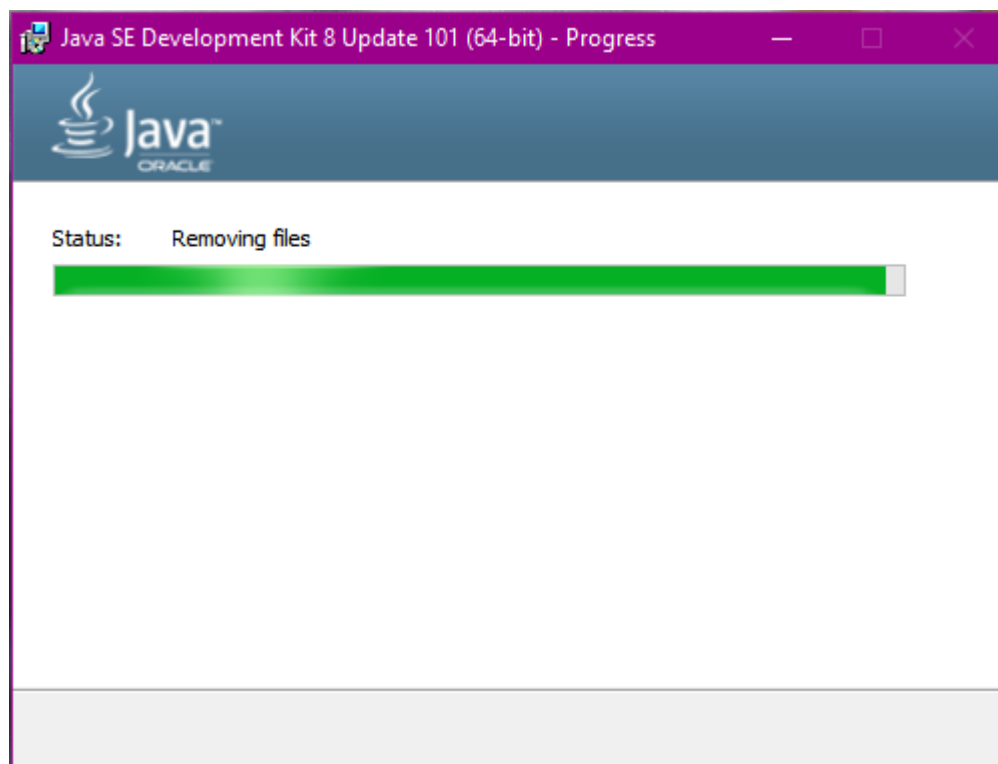
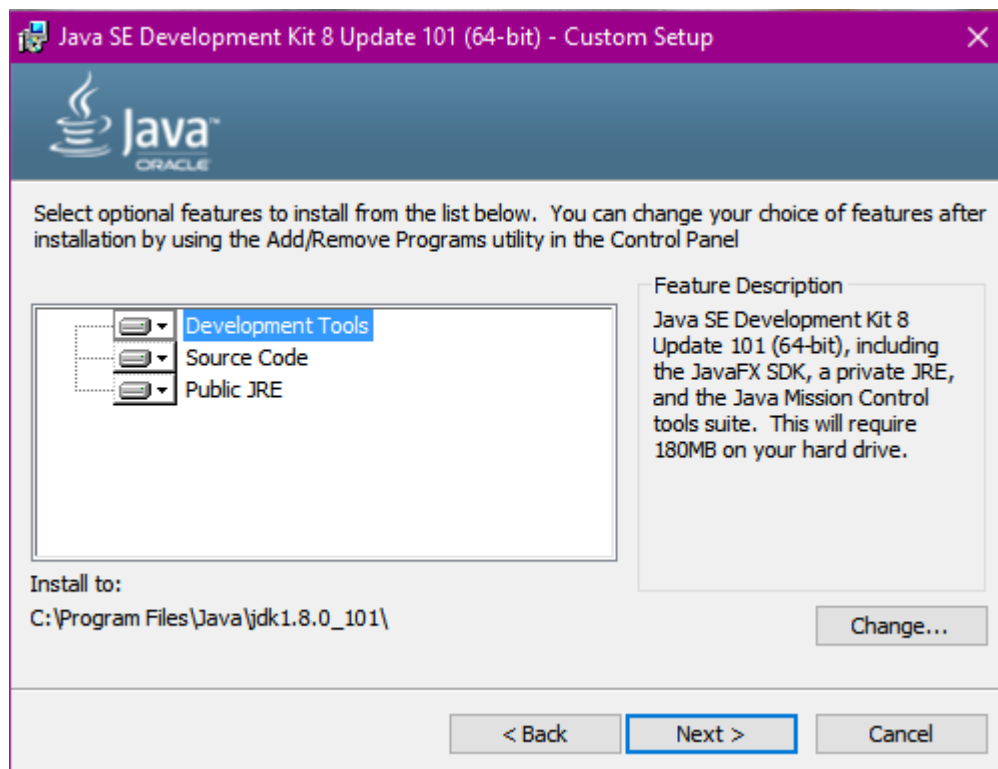
1. Java JDK : <http://www.oracle.com/technetwork/java/javase/downloads/index.html>
2. Android SDK : <https://developer.android.com/studio/index.html>
3. Appium desktop app : <http://appium.io/downloads.html>
4. Geny Motion : <https://www.genymotion.com>
5. Eclipse: <http://www.eclipse.org>

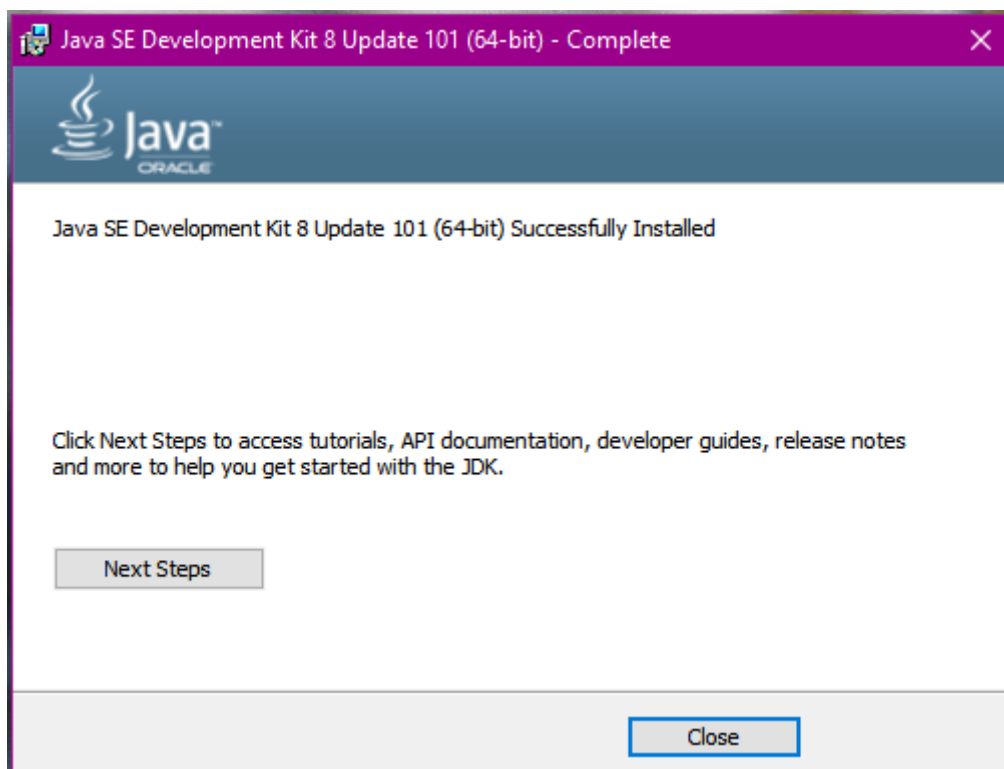
Sau khi đã chuẩn bị xong các phần mềm ta tiến hành cài đặt theo thứ tự.

**BƯỚC 1:** Cài đặt Java JDK, tiến hành cài đặt như bình thường và tạo biến môi trường JAVA\_HOME.

Khi cài đặt, click next...next là xong.

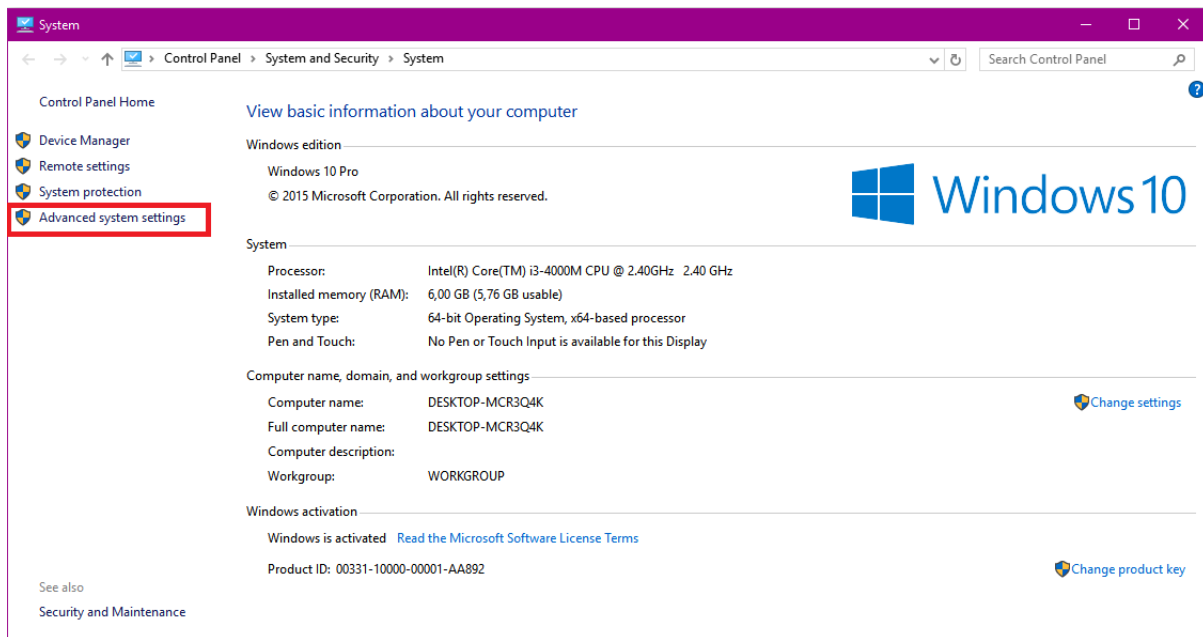




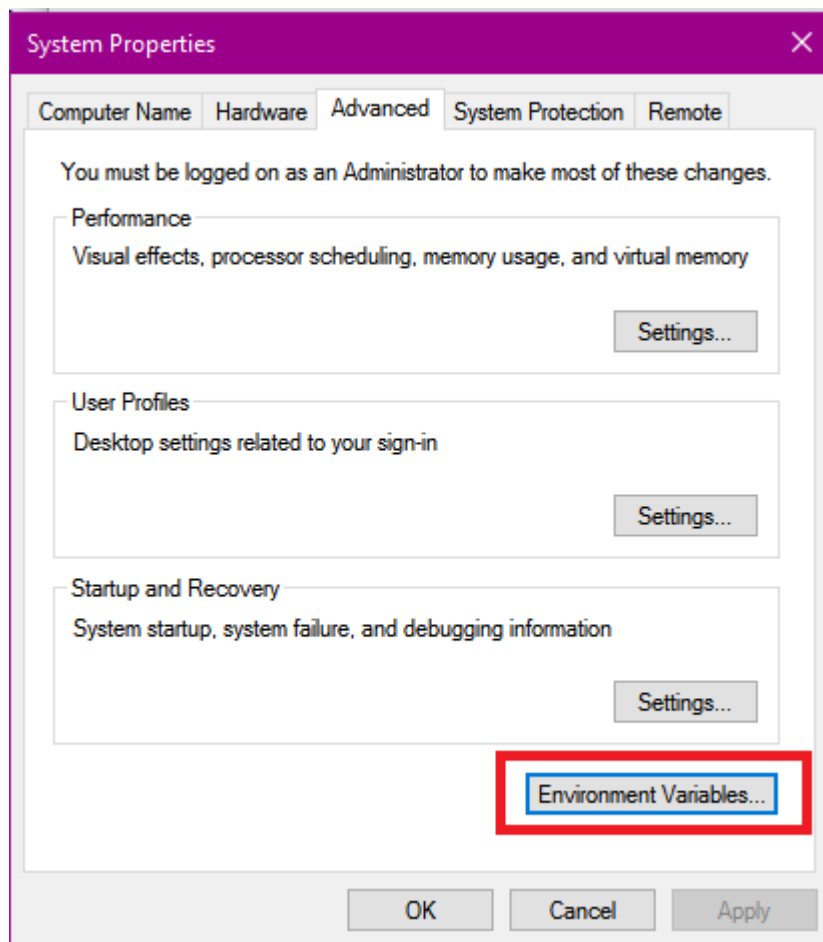


Sau khi cài đặt ta tạo biến môi trường theo các bước:

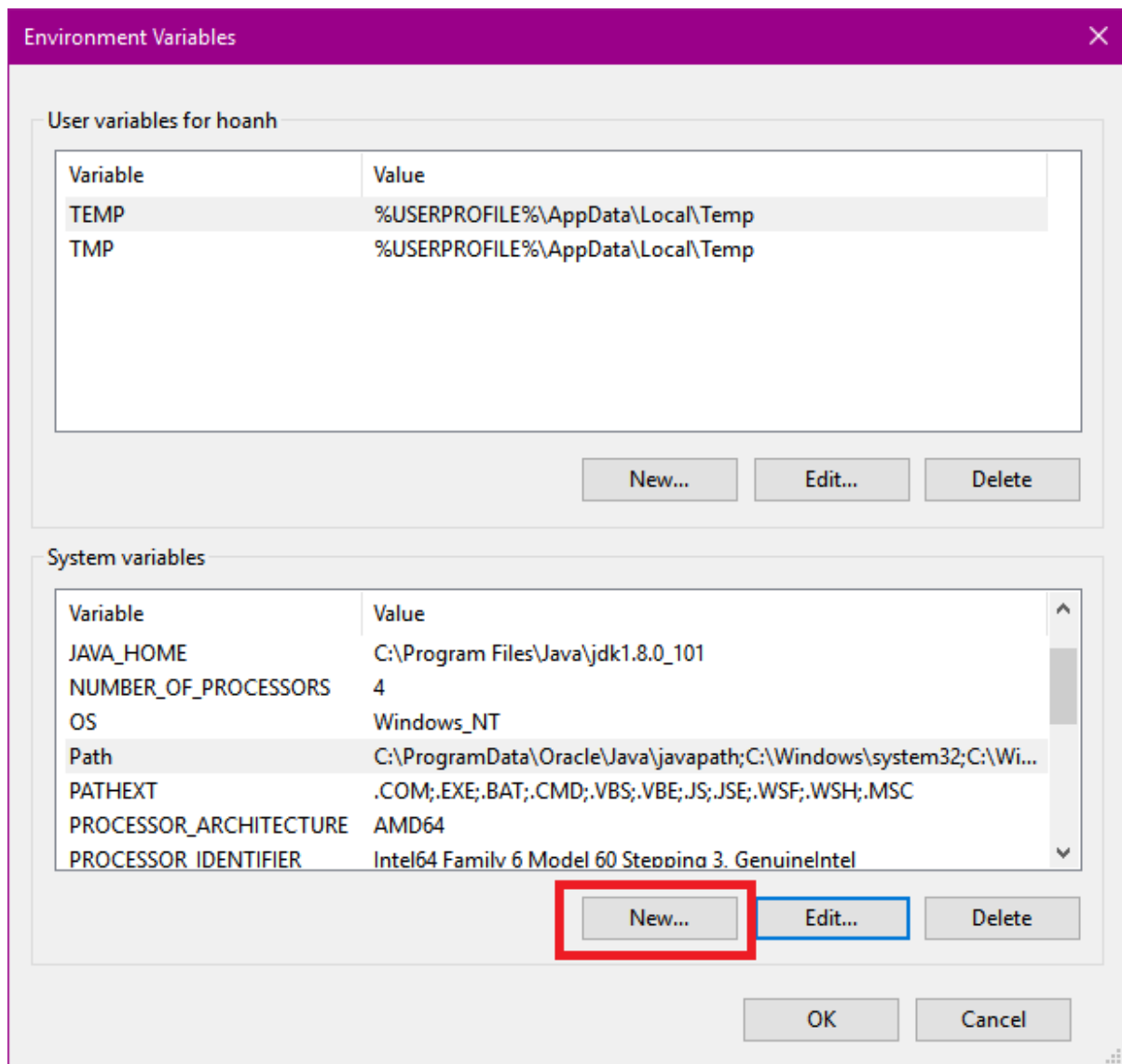
1. Chuột phải **My Computer** -> **Properties**



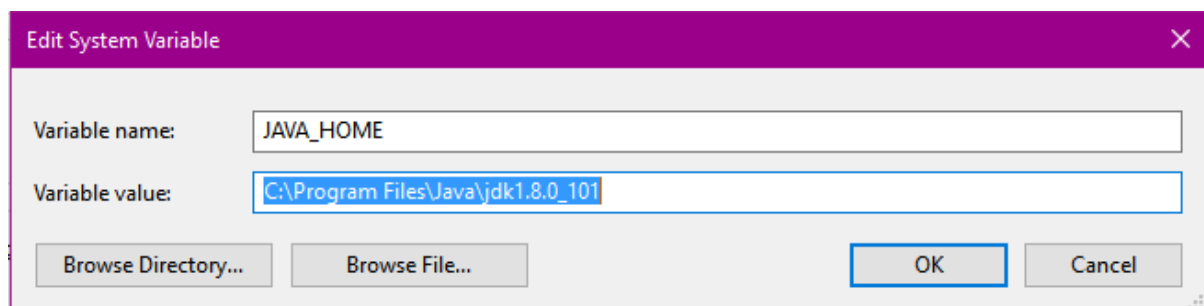
2. Chọn tab **Advanced system settings**
3. Chọn **Environment Variables**



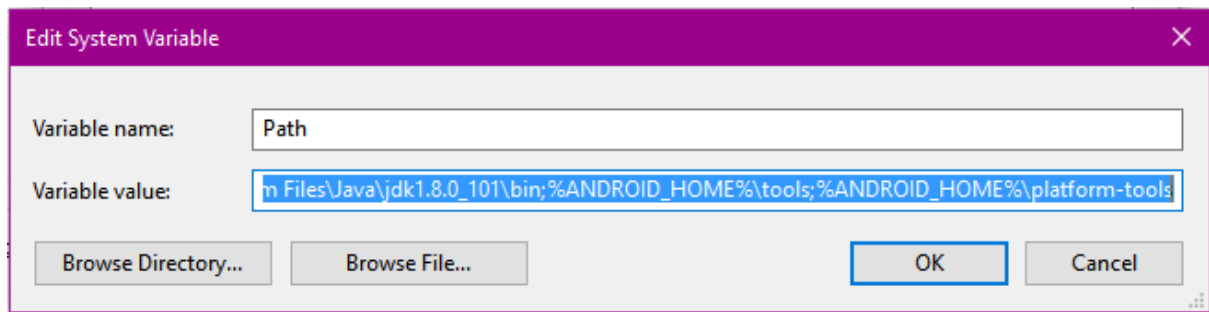
4. Phía dưới mục **System Variables** chọn **New**



5. Dòng Variables Name: JAVA\_HOME  
Dòng Variables Value: C:\Program Files\Java\jdk1.8.0\_101. Là đường dẫn đến thư mục jdk mà bạn đã cài khi này. Windows 64 bit là **Program Files** còn 32 bit sẽ là **Program Files(x86)**



6. Cũng trong phần **System Variables** này ta chọn **Path** , chọn **Edit**



7. Điền thêm đoạn ‘;%JAVA\_HOME%\bin’ hoặc ‘;C:\Program Files\Java\jdk1.8.0\_101\bin’ vào sau cuối. Các giá trị của **Path** cách nhau dấu ‘;’.
8. Kiểm tra: Vào **Start** gõ **cmd** sau đó **Enter**. Cửa sổ **cmd** hiện ra các bạn gõ ‘**java – version**’

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.10586]
(c) 2015 Microsoft Corporation. All rights reserved.

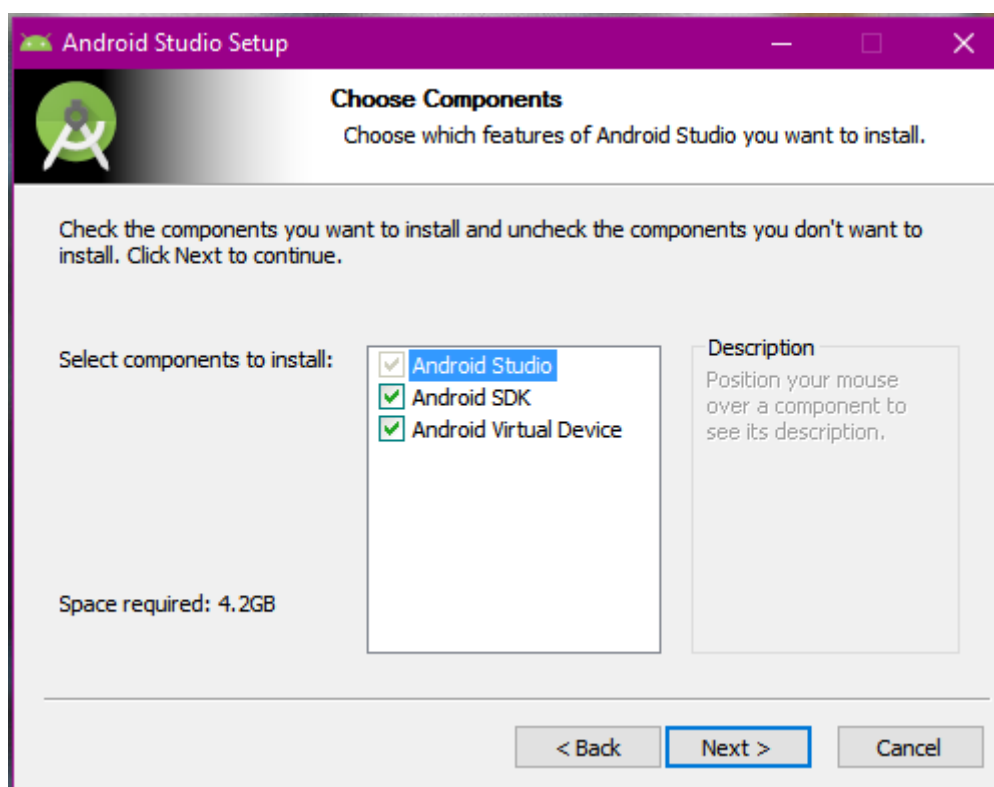
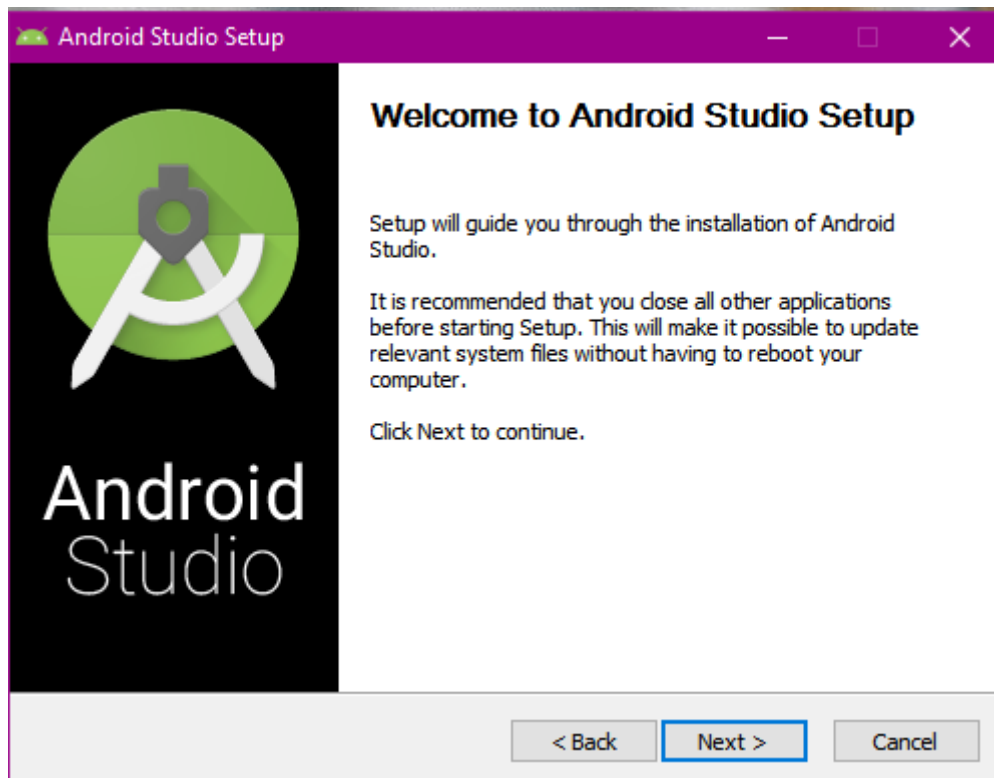
C:\Users\hoanh>java -version
java version "1.8.0_101"
Java(TM) SE Runtime Environment (build 1.8.0_101-b13)
Java HotSpot(TM) 64-Bit Server VM (build 25.101-b13, mixed mode)

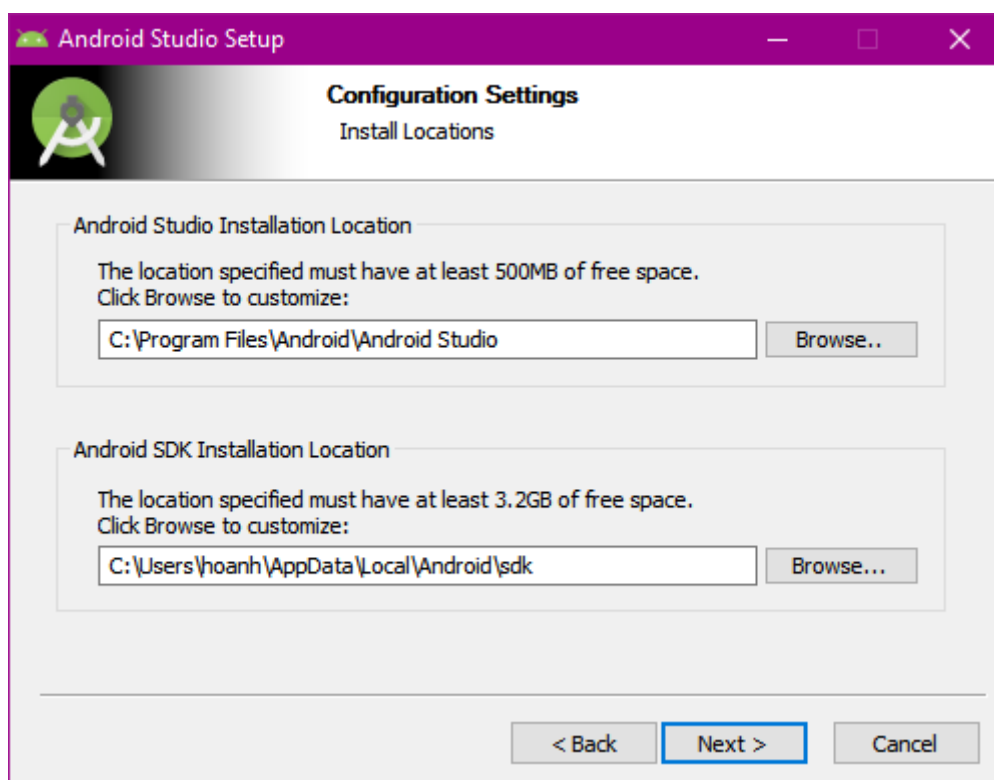
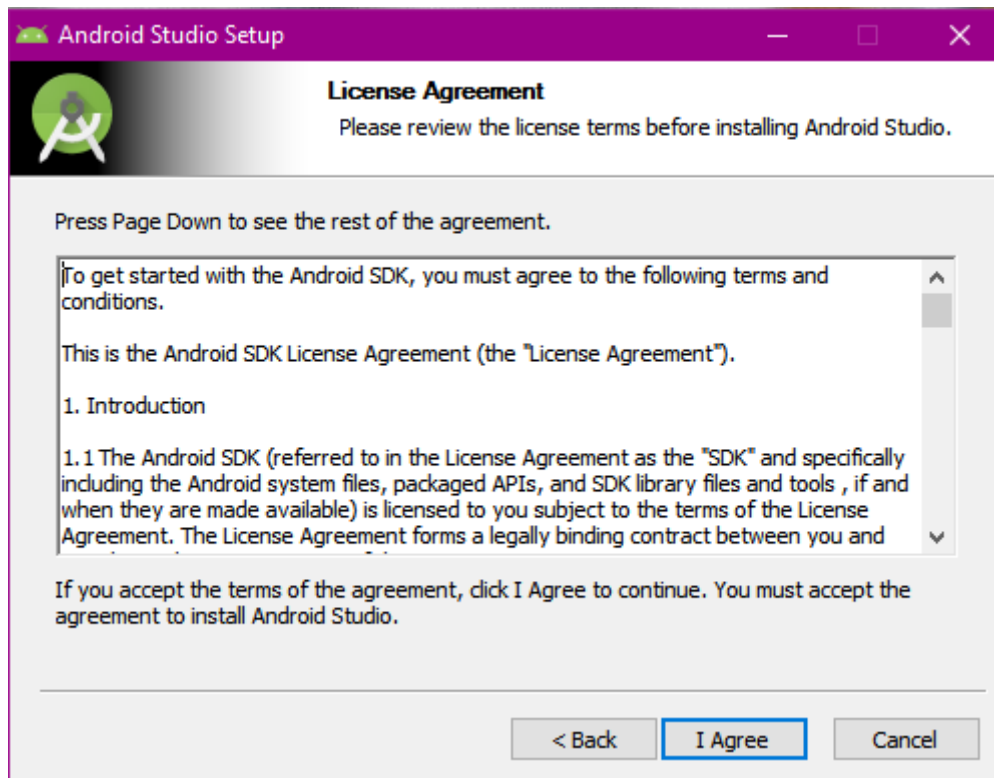
C:\Users\hoanh>
```

**Sau khi hoàn thành nên khởi động lại máy để cài tiếp bước 2.**

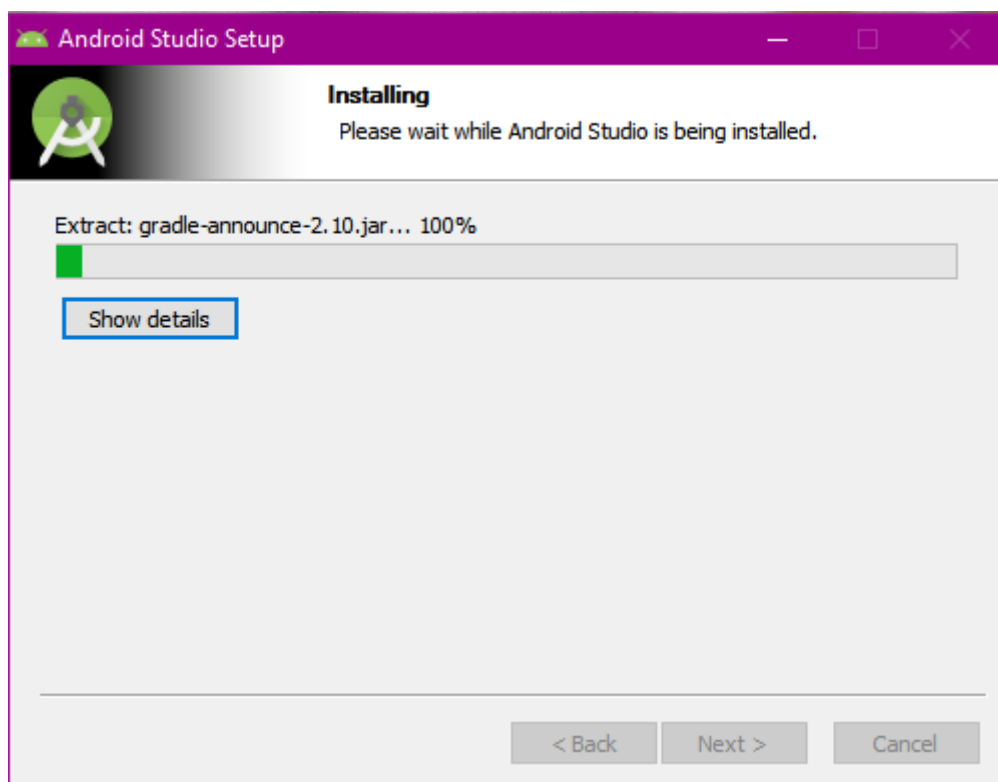
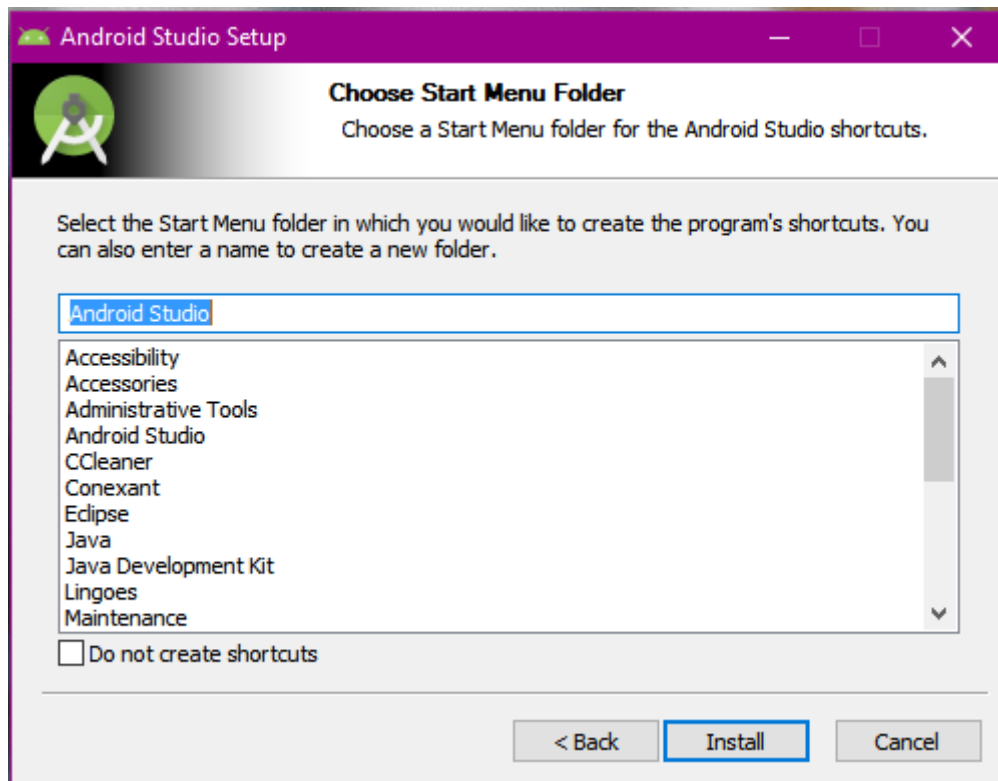
**BƯỚC 2:** Android SDK: Cài đặt và tải SDK Packages mới nhất. Sau khi cài đặt xong sẽ tạo biến môi trường ANDROID\_HOME.

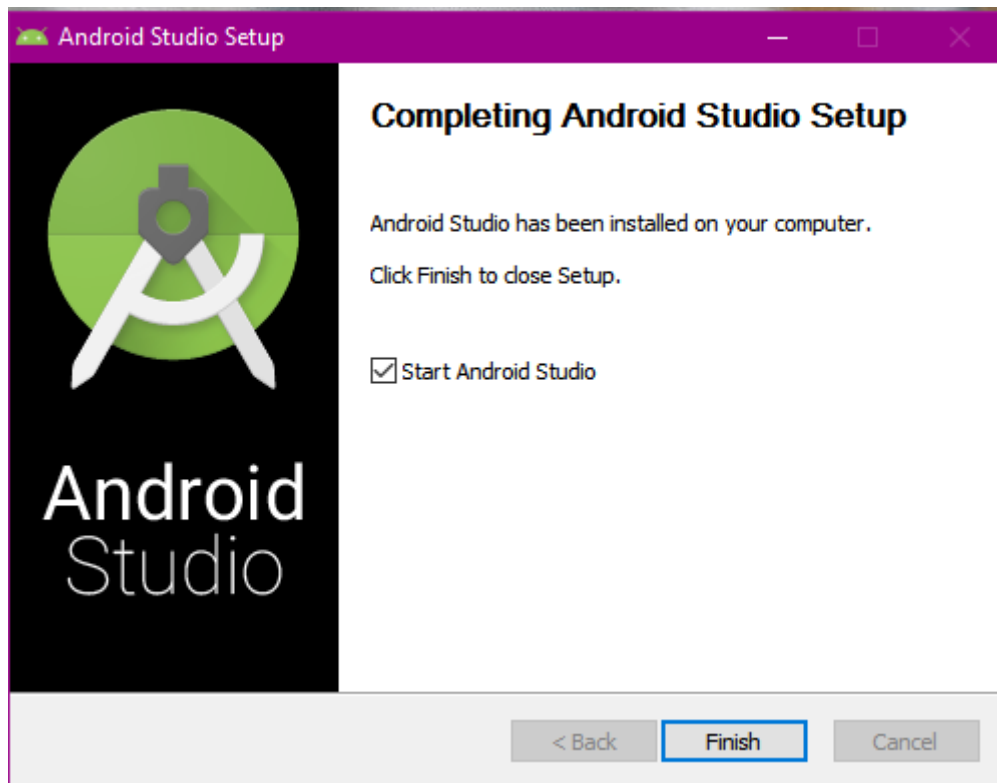
Khi cài cứ next...next là xong. Quá trình lâu hay chậm tùy cấu hình máy tính của bạn.



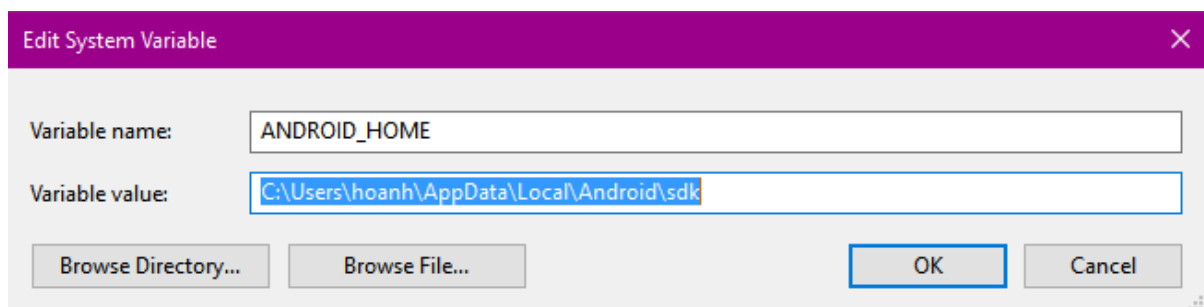






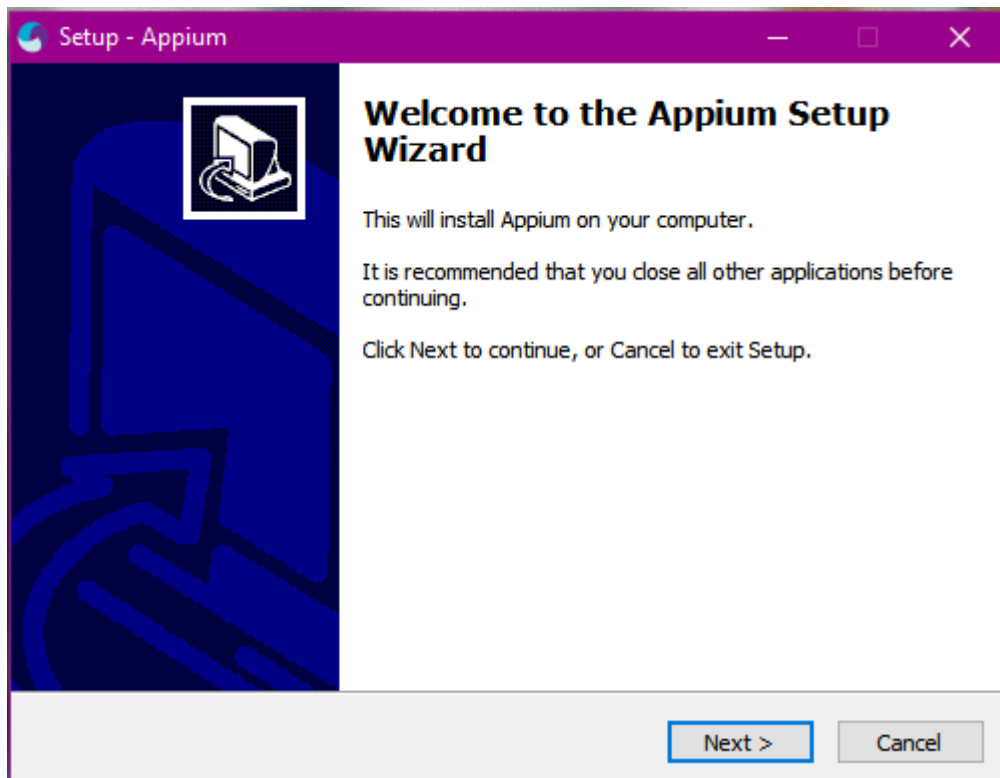
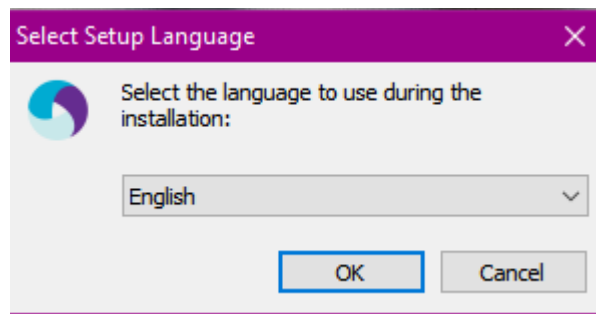


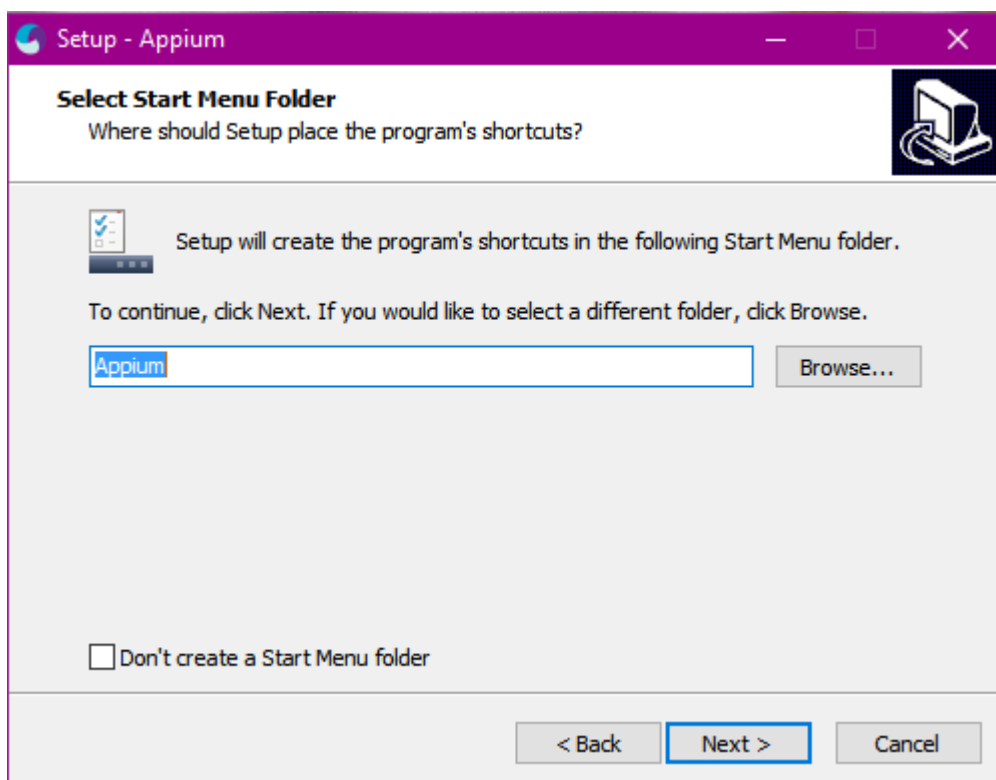
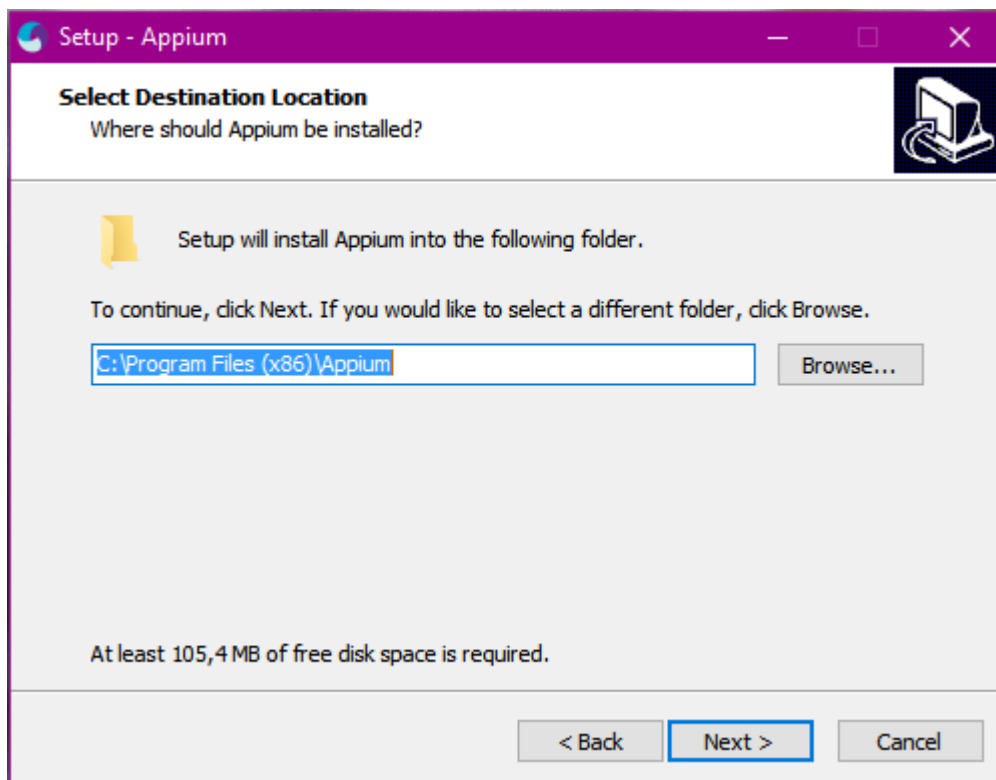
Thêm biến môi trường ANDROID\_HOME. Các bạn làm tương tự như với biến JAVA\_HOME.

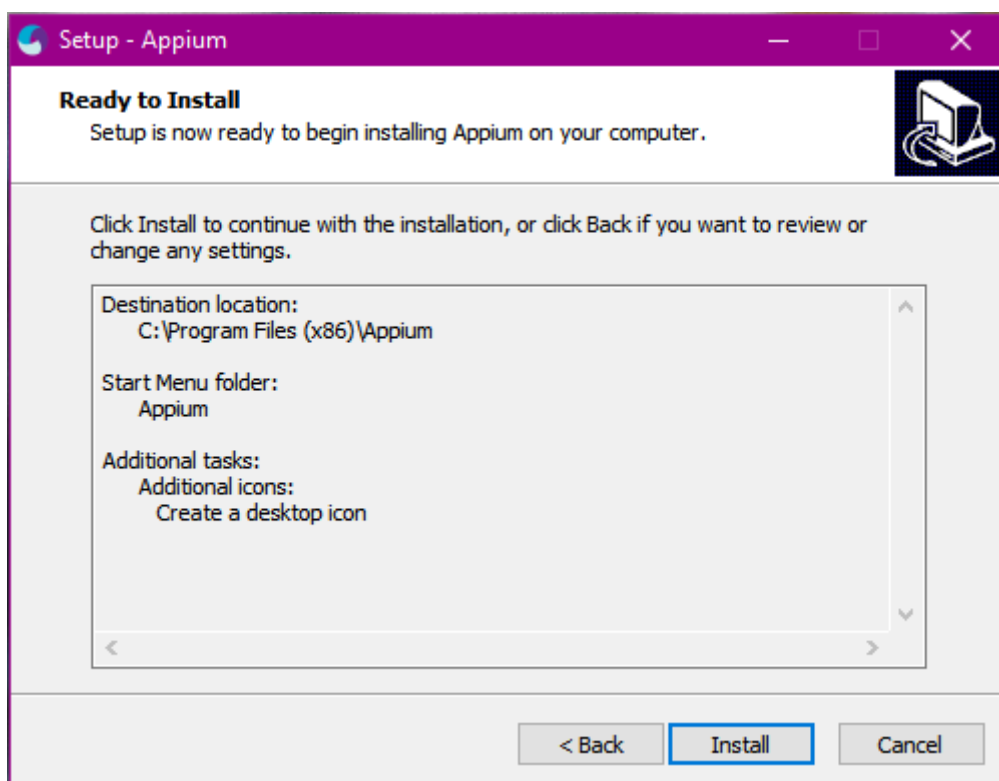
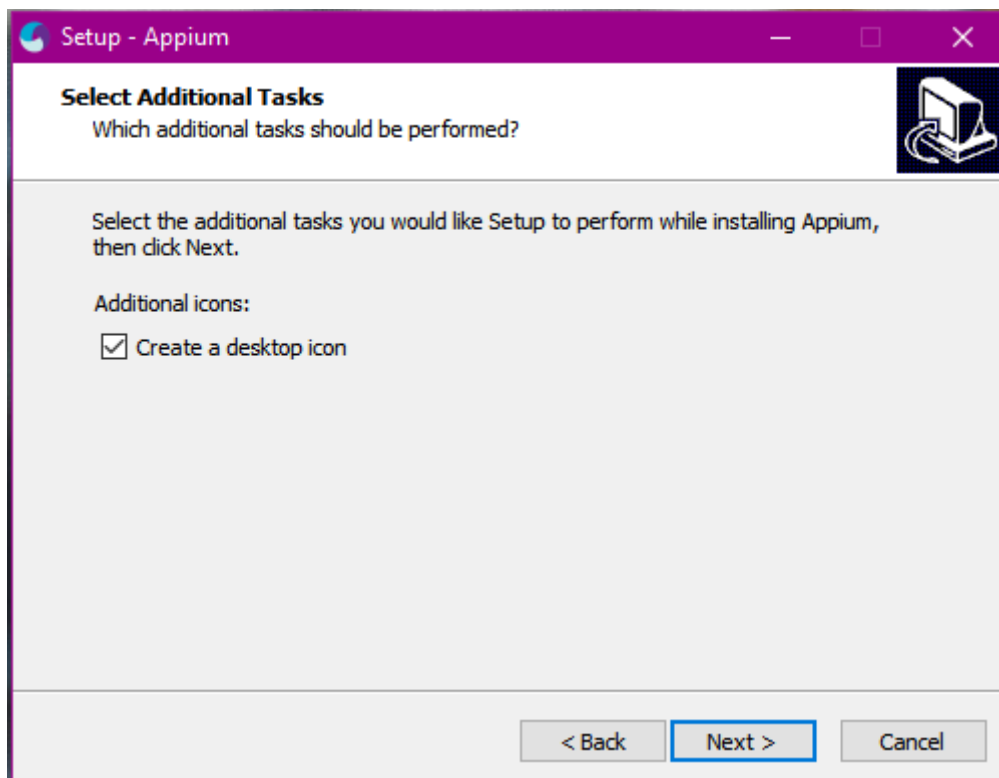


- Dòng Variables Name: ANDROID\_HOME
- Dòng Variables Value: C:\Users\hoanh\AppData\Local\Android\sdk. Là đường dẫn đến thư mục sdk mà bạn đã cài khi này.
- Tiếp theo, cũng trong phần **System Variables** này ta chọn **Path**, chọn **Edit**
- Điền thêm đoạn ';'ANDROID\_HOME%\tools' hoặc ';'C:\Program Files\Java\jdk1.8.0\_101\bin' vào sau cuối.
- Chọn **Path** một lần nữa để thiết lập đường dẫn đến platform-tools.
- Điền thêm chuỗi ';'ANDROID\_HOME%\platform-tools' vào sau cùng.

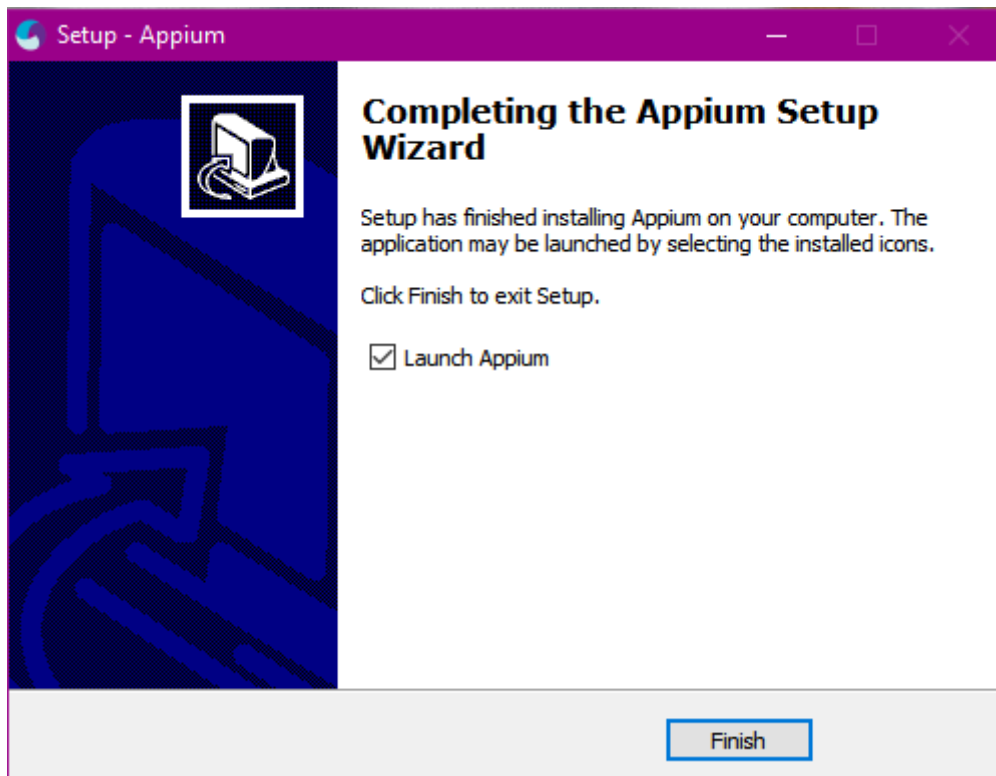
### **BƯỚC 3:** Cài đặt Appium







```
C:\Users\hoanh\AppData\Local\Temp\is-9NNVD.tmp\7zr.exe
Extracting node_modules\npm\doc\api\npm-root.md
Extracting node_modules\npm\doc\cli\npm-run-script.md
Extracting node_modules\npm\doc\api\npm-run-script.md
Extracting node_modules\npm\doc\misc\npm-scripts.md
Extracting node_modules\npm\doc\api\npm-search.md
Extracting node_modules\npm\doc\cli\npm-search.md
Extracting node_modules\npm\doc\api\npm-shrinkwrap.md
Extracting node_modules\npm\doc\cli\npm-shrinkwrap.md
Extracting node_modules\npm\doc\cli\npm-star.md
Extracting node_modules\npm\doc\cli\npm-stars.md
Extracting node_modules\npm\doc\cli\npm-start.md
Extracting node_modules\npm\doc\api\npm-start.md
Extracting node_modules\npm\doc\cli\npm-stop.md
Extracting node_modules\npm\doc\api\npm-stop.md
Extracting node_modules\npm\doc\cli\npm-submodule.md
Extracting node_modules\npm\doc\api\npm-submodule.md
Extracting node_modules\npm\doc\api\npm-tag.md
Extracting node_modules\npm\doc\cli\npm-tag.md
Extracting node_modules\npm\doc\api\npm-test.md
Extracting node_modules\npm\doc\cli\npm-test.md
Extracting node_modules\npm\doc\api\npm-uninstall.md
Extracting node_modules\npm\doc\cli\npm-uninstall.md
Extracting node_modules\npm\doc\api\npm-unpublish.md
Extracting node_modules\npm\doc\cli\npm-unpublish.md
Extracting node_modules\npm\doc\api\npm-update.md
Extracting node_modules\npm\doc\cli\npm-update.md
Extracting node_modules\npm\doc\api\npm-version.md
Extracting node_modules\npm\doc\cli\npm-version.md
Extracting node_modules\npm\doc\api\npm-view.md
Extracting node_modules\npm\doc\cli\npm-view.md
```



Setup - Appium



**Installing**

Please wait while Setup installs Appium on your computer.

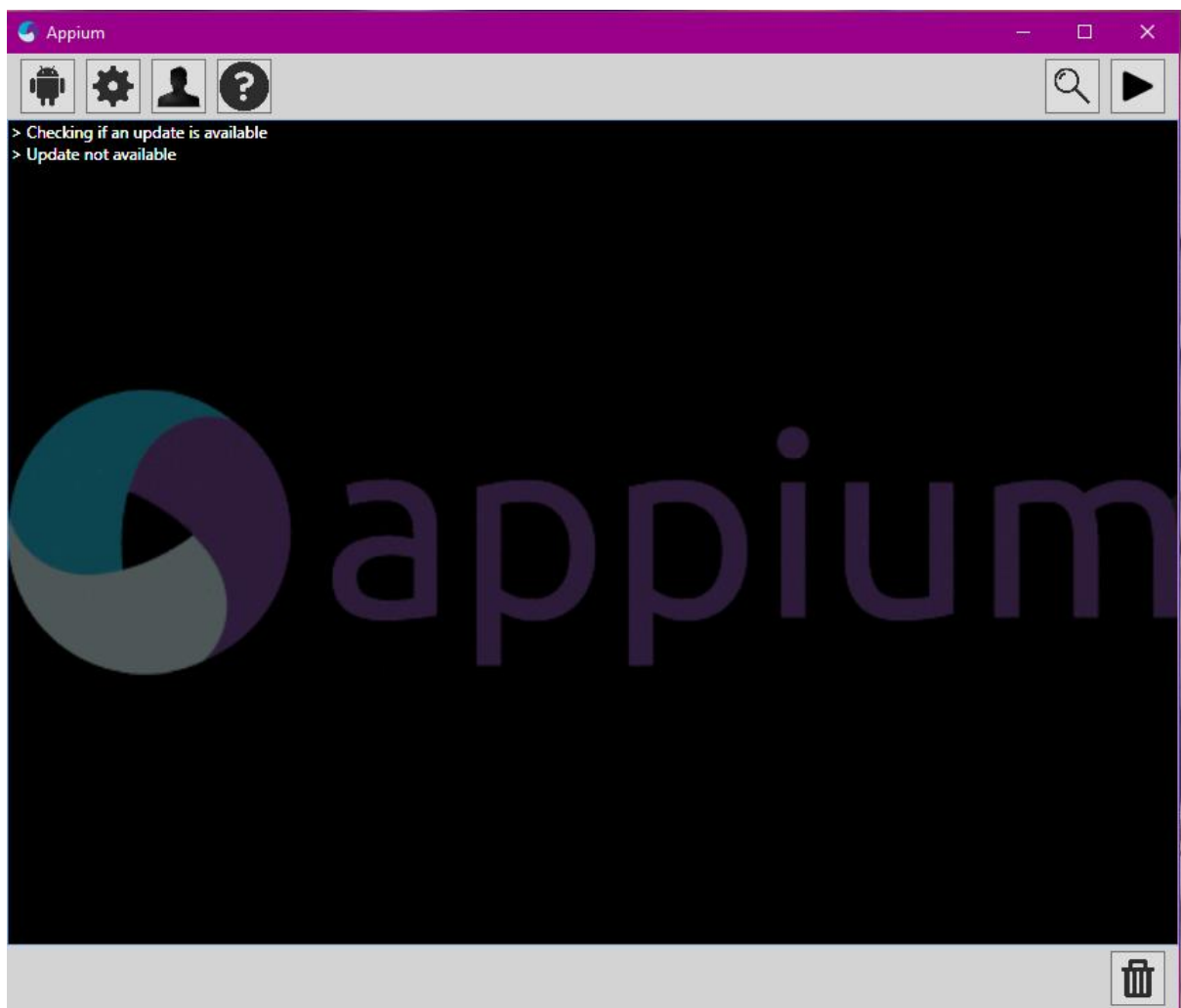


Finishing installation...



Cancel

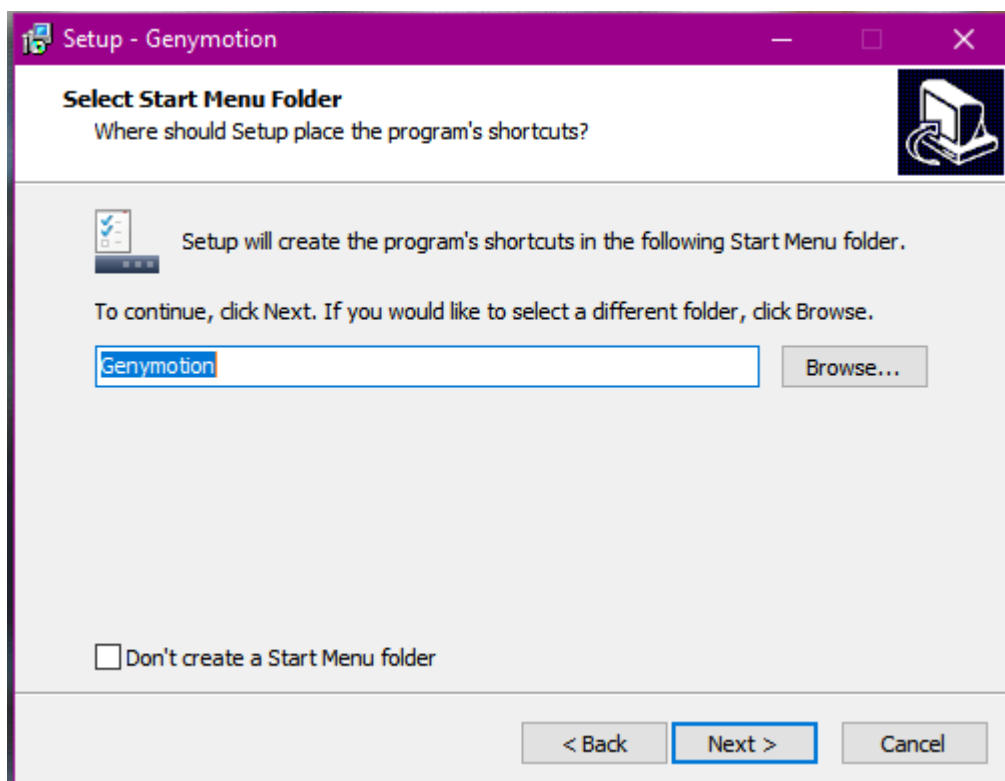
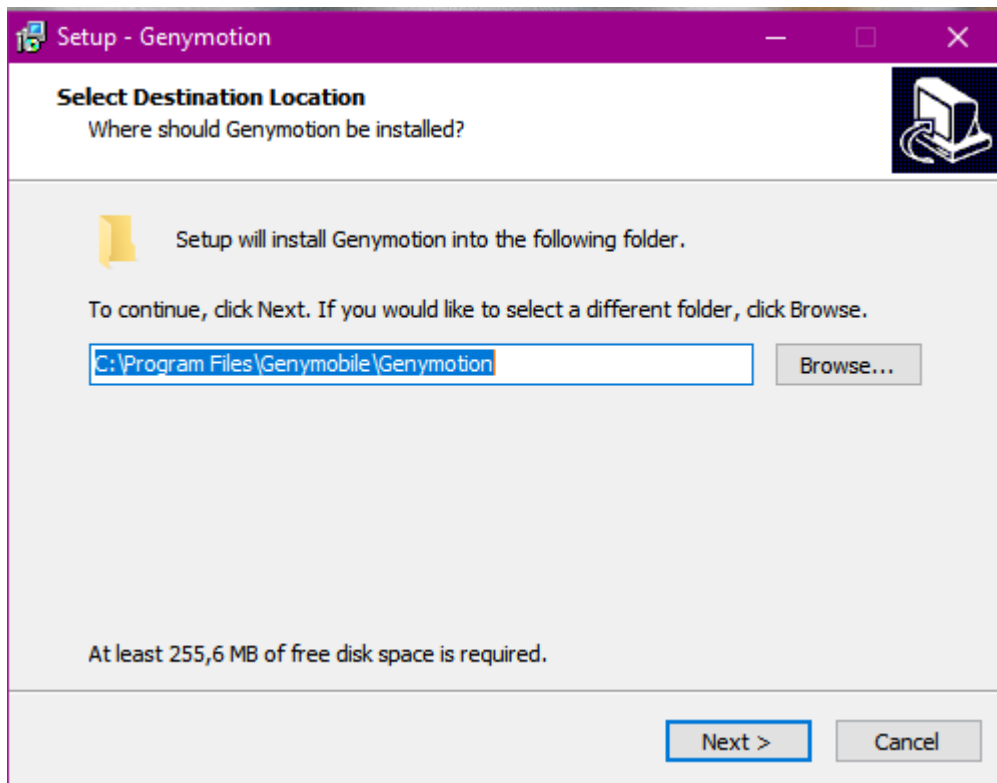
Giao diện Appium khi cài thành công!

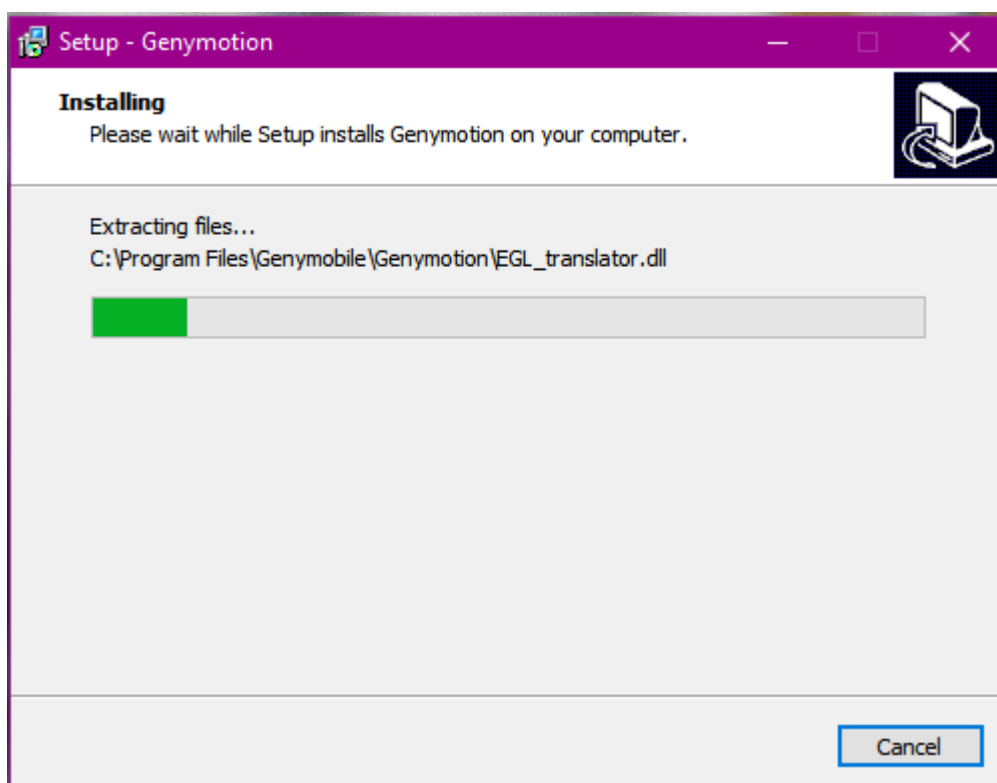
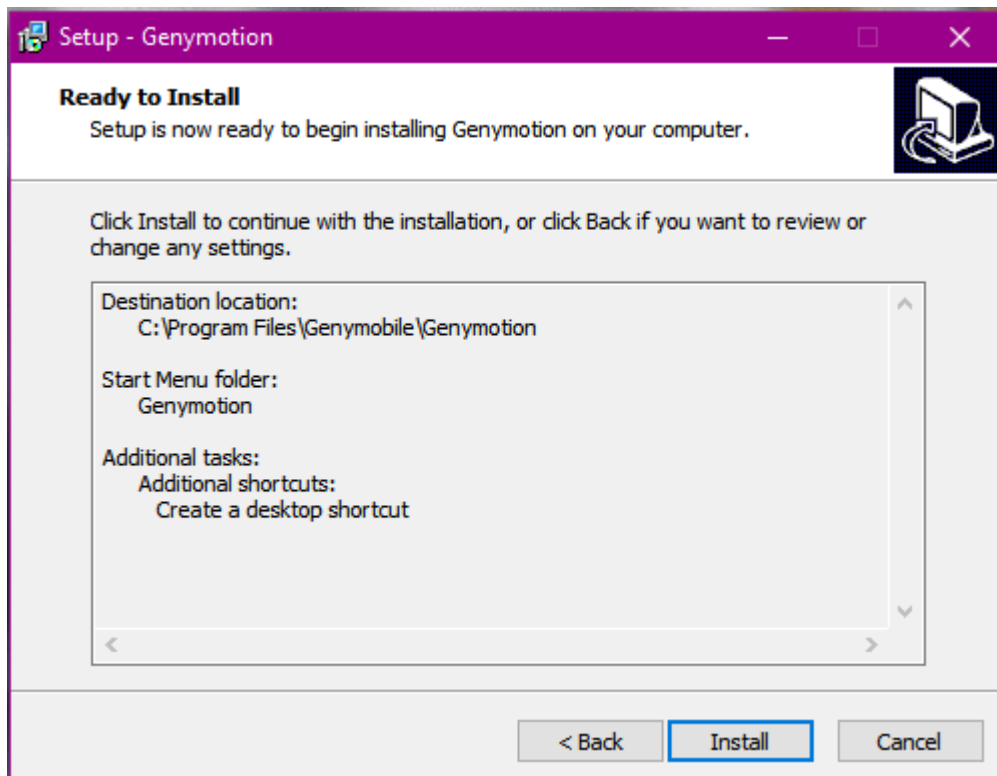


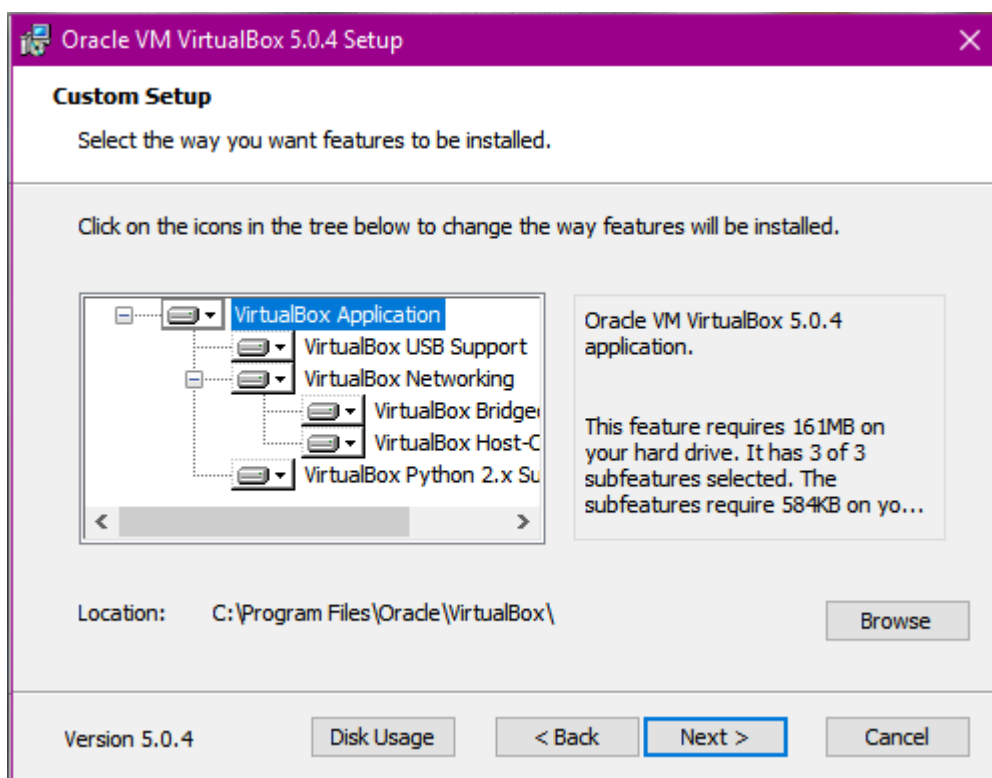
Nên khởi động lại khi cài xong!

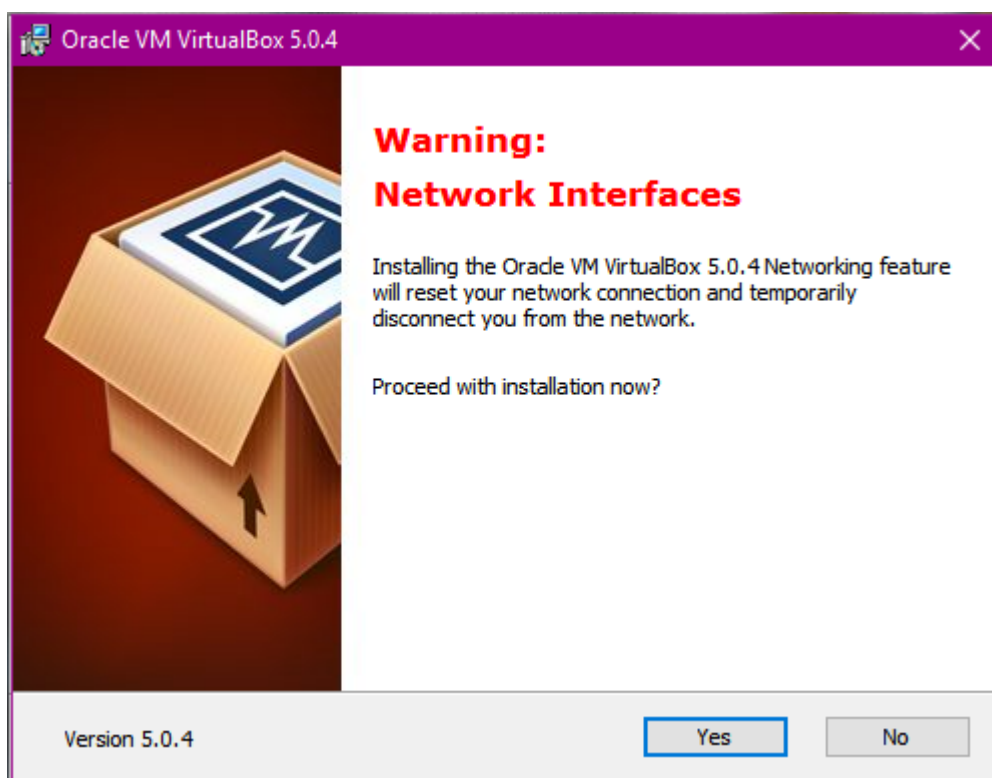
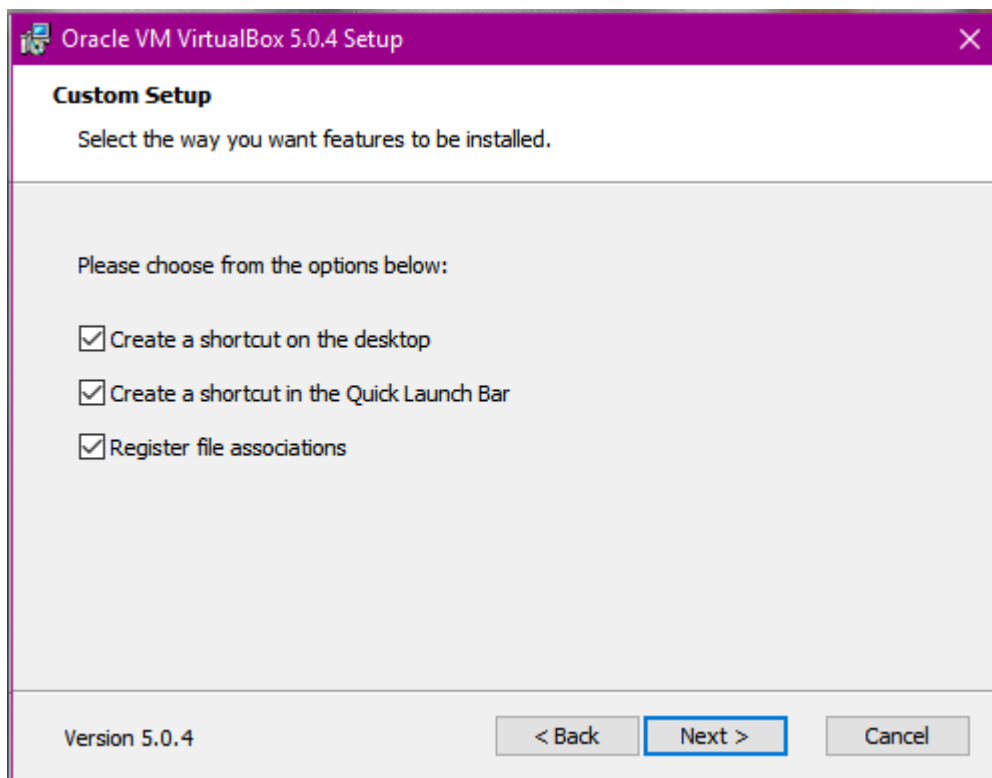
**BƯỚC 4:** Cài đặt Geny Motion

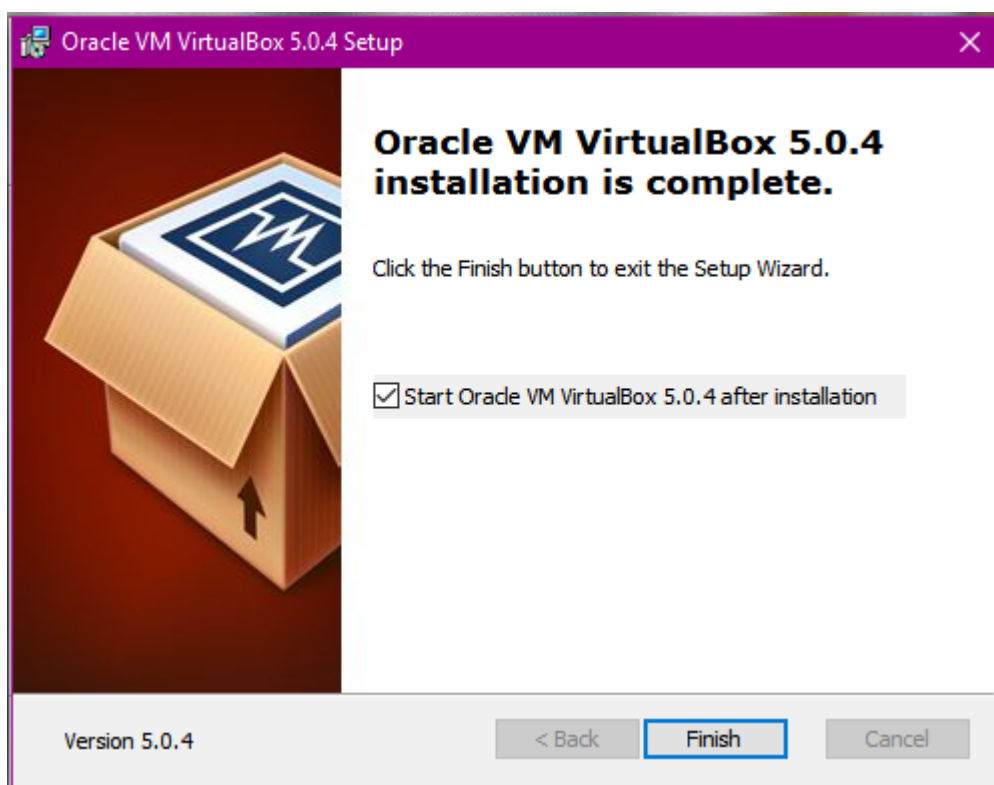
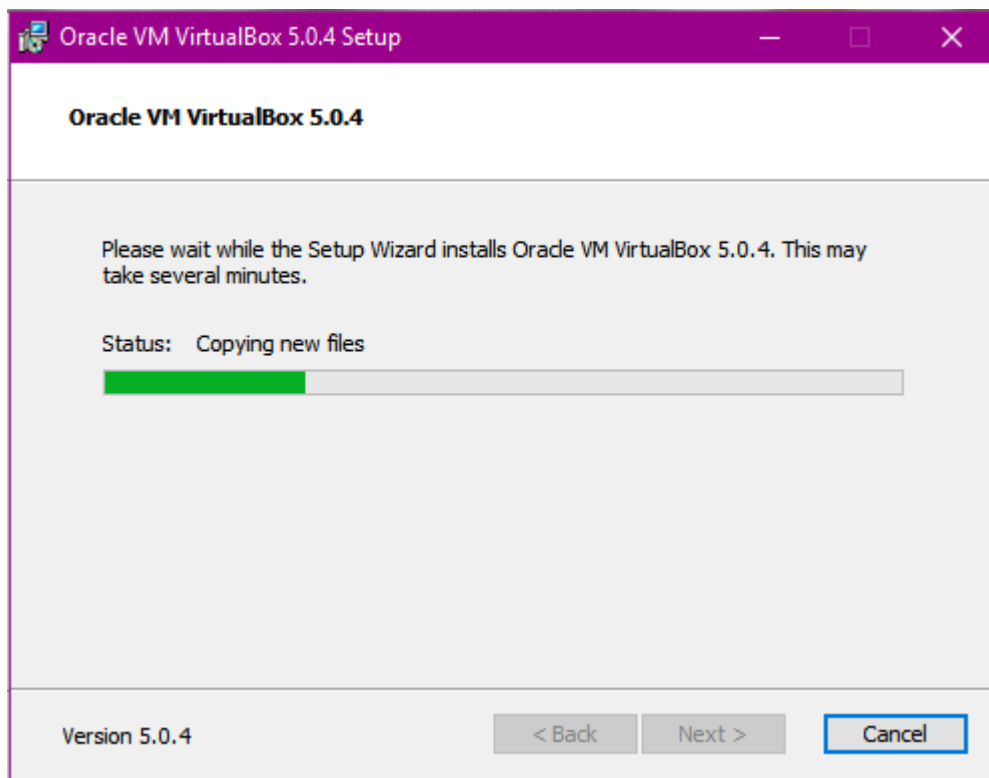


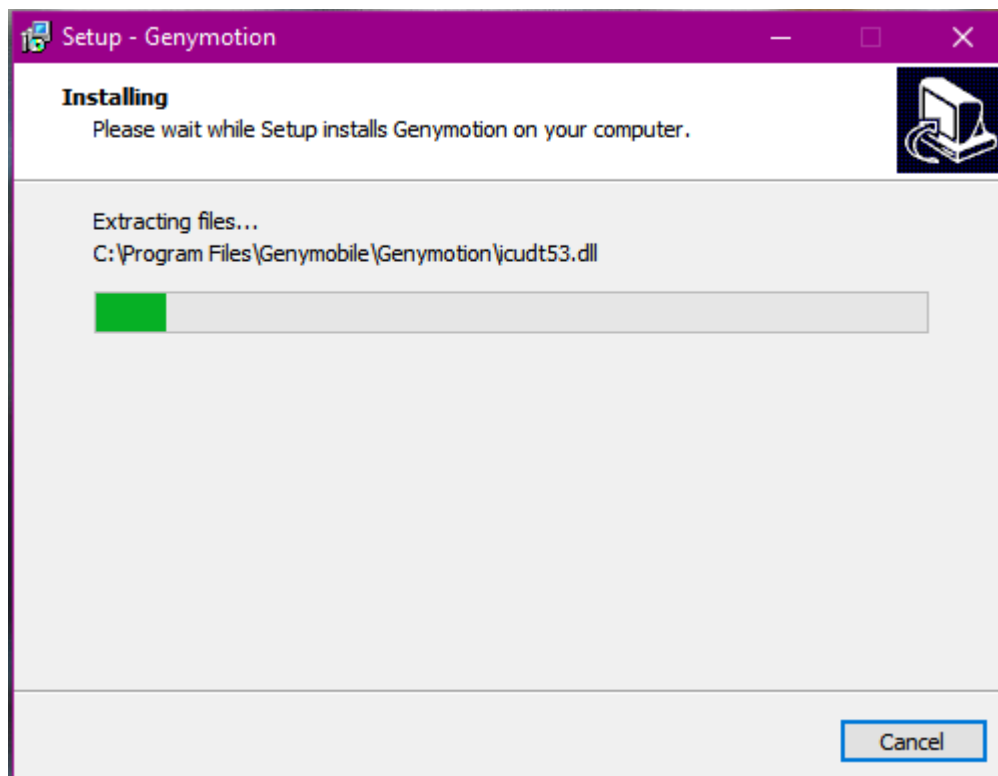


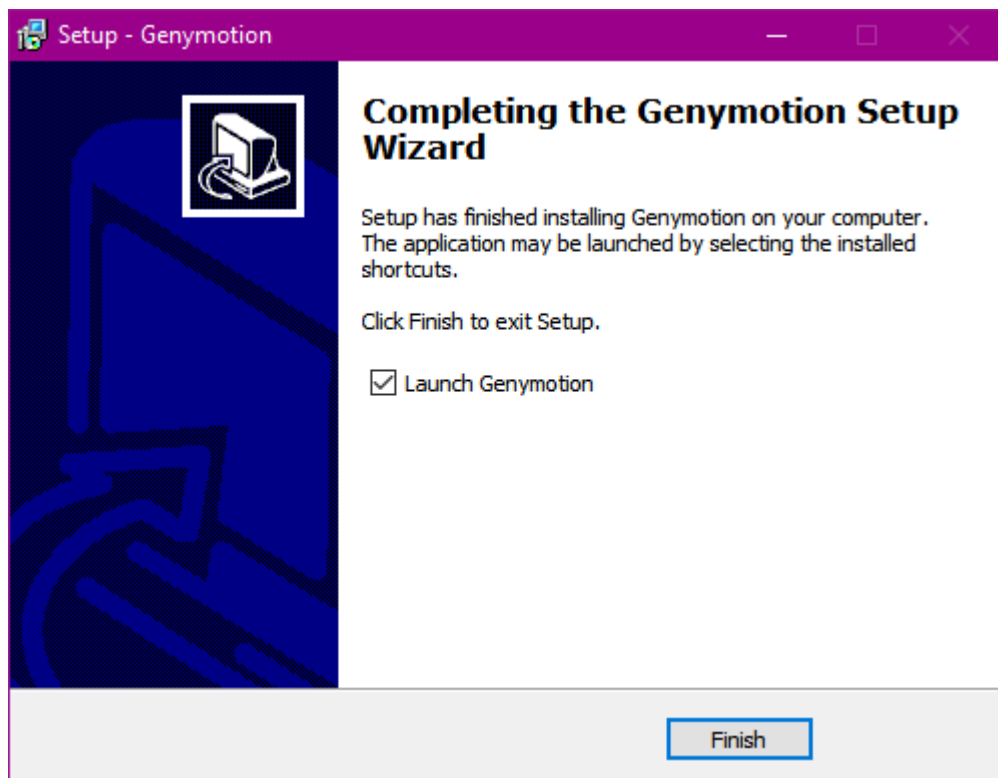




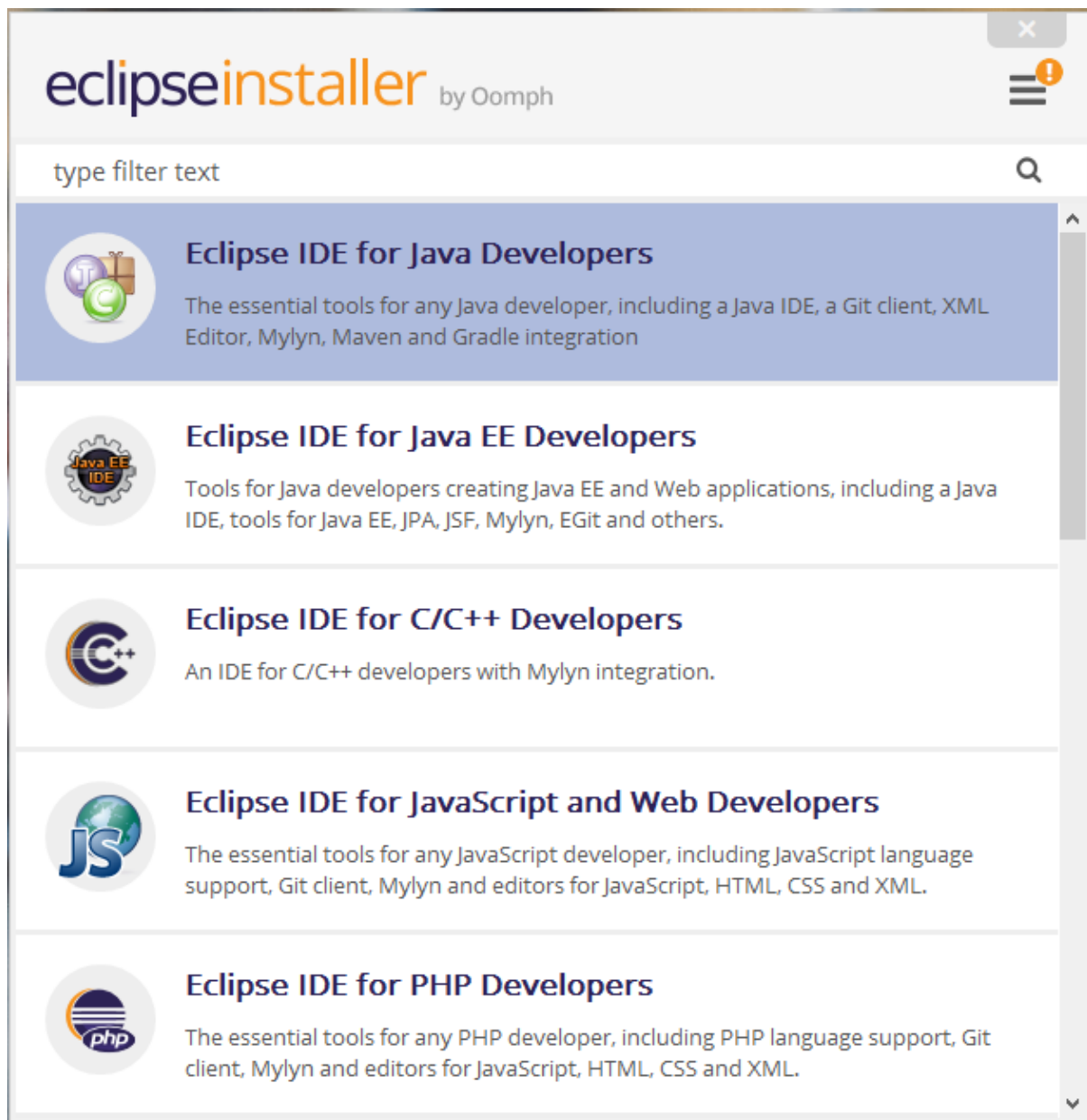








**BƯỚC 5:** Cài đặt Eclipse



Cần chọn phiên bản Eclipse mà bạn muốn cài đặt, đối với kiểm thử ứng dụng Android , chúng ta sẽ sử dụng Eclipse IDE for Java Developers như hình trên. Click và tiếp tục tiến hành cài đặt.





## Eclipse IDE for Java Developers

The essential tools for any Java developer, including a Java IDE, a Git client, XML Editor, Mylyn, Maven and Gradle integration.

Installation Folder

C:\Users\hoanh\eclipse\java-neon



create start menu entry



create desktop shortcut

 **INSTALL**

 **BACK**

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Applicable licenses will be discovered and prompted later in the installation process.  
Avoid such interruptions by accepting the most common license now.



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April 9, 2014

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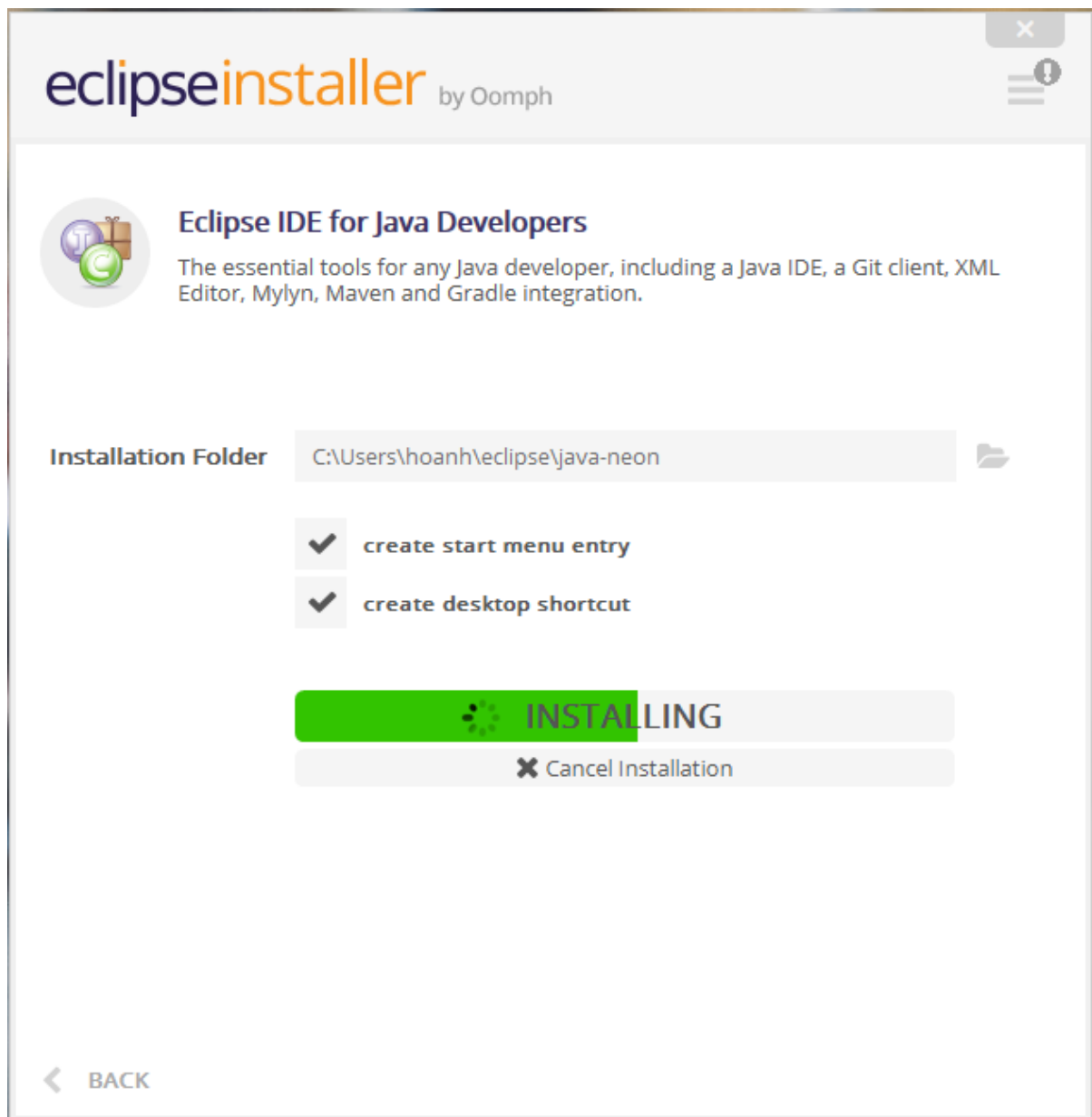
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Sau khi đợi chạy xong là quá trình cài đặt hoàn tất. Bạn nên khởi động lại máy sau đó bắt đầu viết test case cho ứng dụng mà bạn kiểm thử!