Experiment - Jenkins installation

Install Jenkins on MacOS

Install Jenkins with Homebrew

```
$ brew install Jenkins
```

Start the Jenkins service with Homebrew

```
$ brew services start jenkins
```

Open Jenkins in a browser at http://127.0.0.1:8080

Proceed to **Configure Jenkins** section below

Install Jenkins on Windows

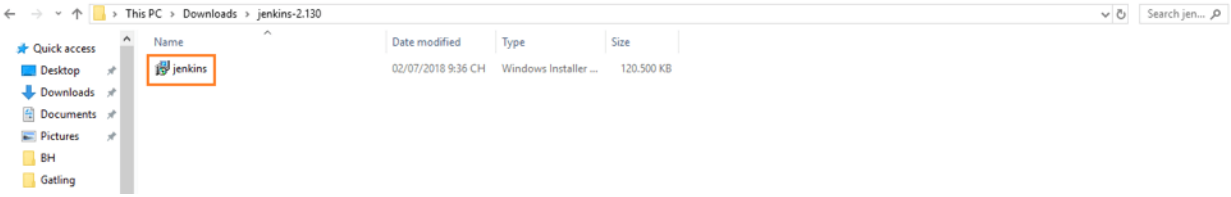
Jenkins is one of the most popular tools for continuous integration and continuous delivery on any platform. As a Java application, **Jenkins** has many plugins for automating almost everything at the infrastructure level. The use of Jenkins has widely increased rapidly due to a rich set of functionalities, which it provides in the form of plugins. In this experiment go step by step by step to install Jenkins on a Windows platform.

Let's get started.

First, you need to install OpenJDK. Jenkins currently only supports JDK8. If you need help with installing Java, Click here for Java installation guidance Once Java is running, you can install Jenkins.

1. Click **here** to download the latest Jenkins package for Windows (currently it is version 2.X).

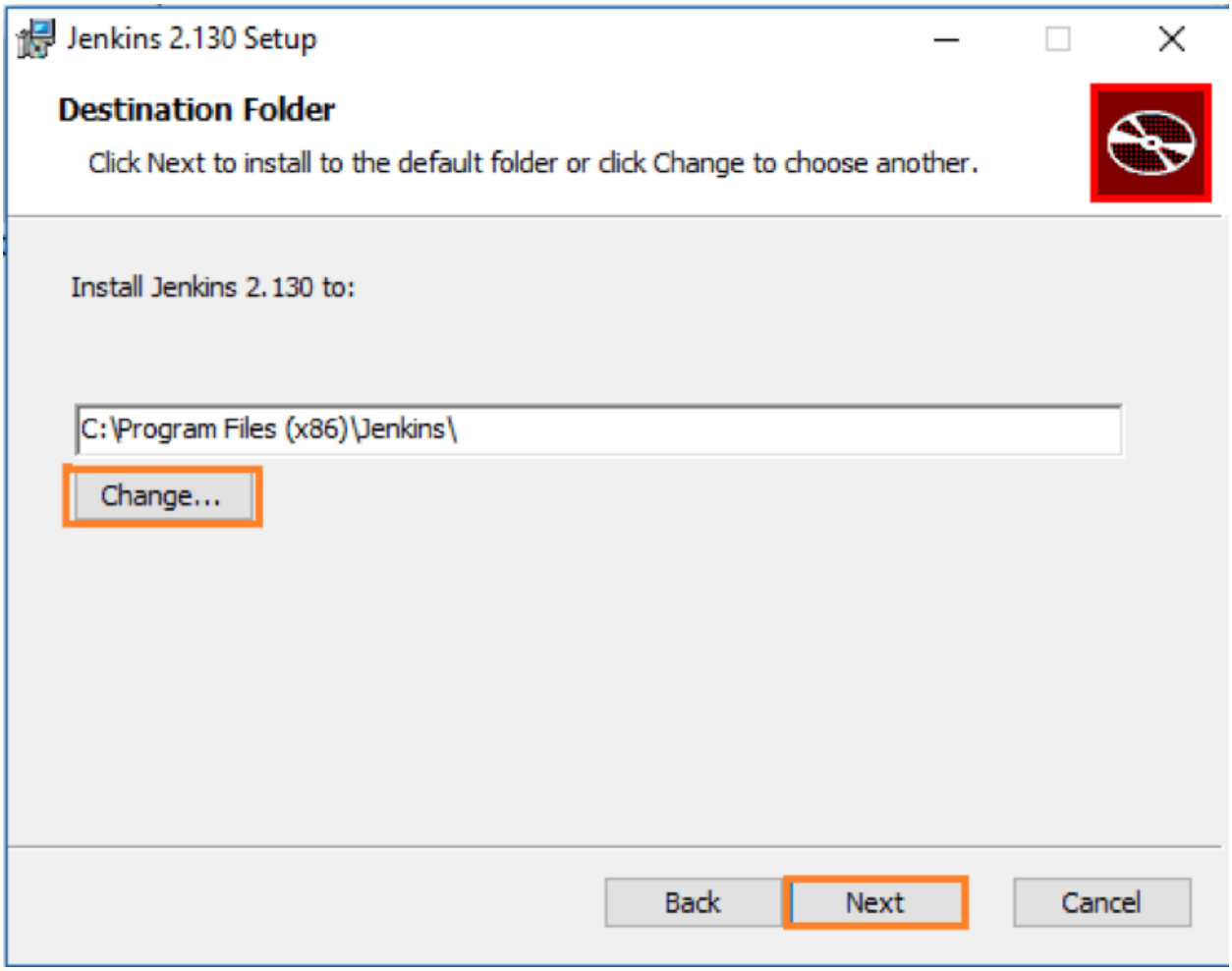
2. Unzip the file to a folder and click on the Jenkins exe file.



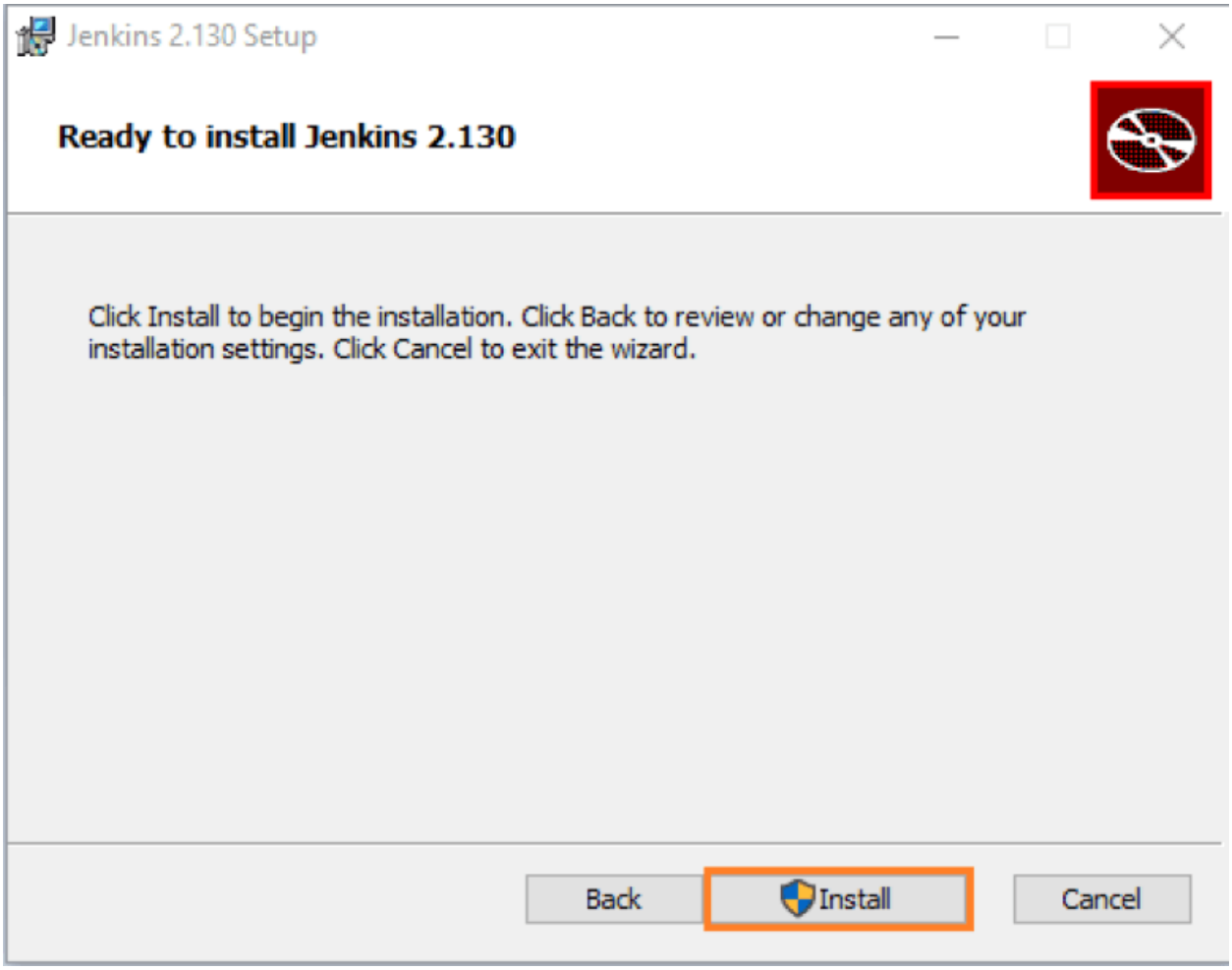
(All processes are the same in the new Jenkins UI).

3. Click “Next” to start the installation.

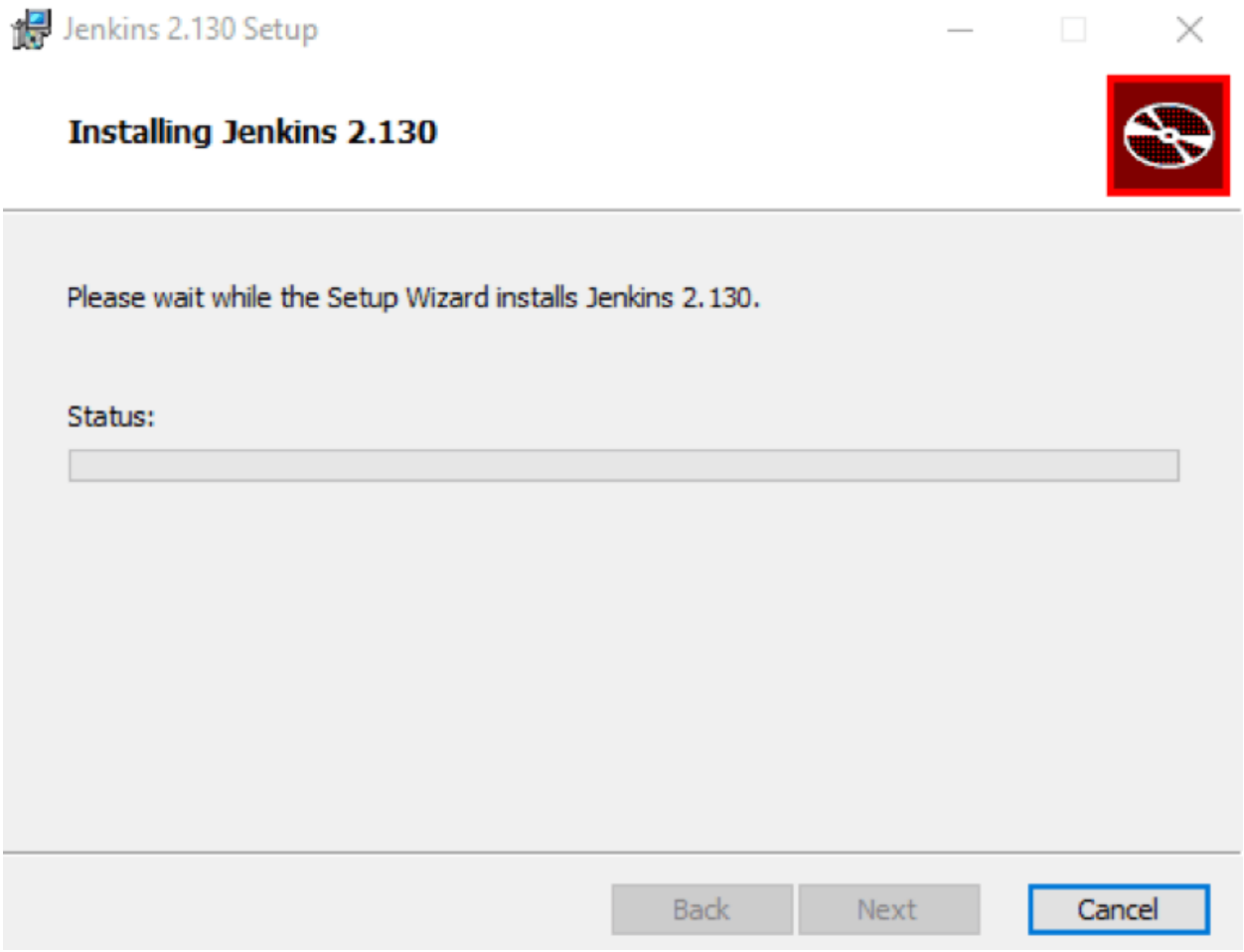
4. Click the “Change…” button if you want to install Jenkins in another folder. In this example, I will keep the default option and click on the “Next” button.



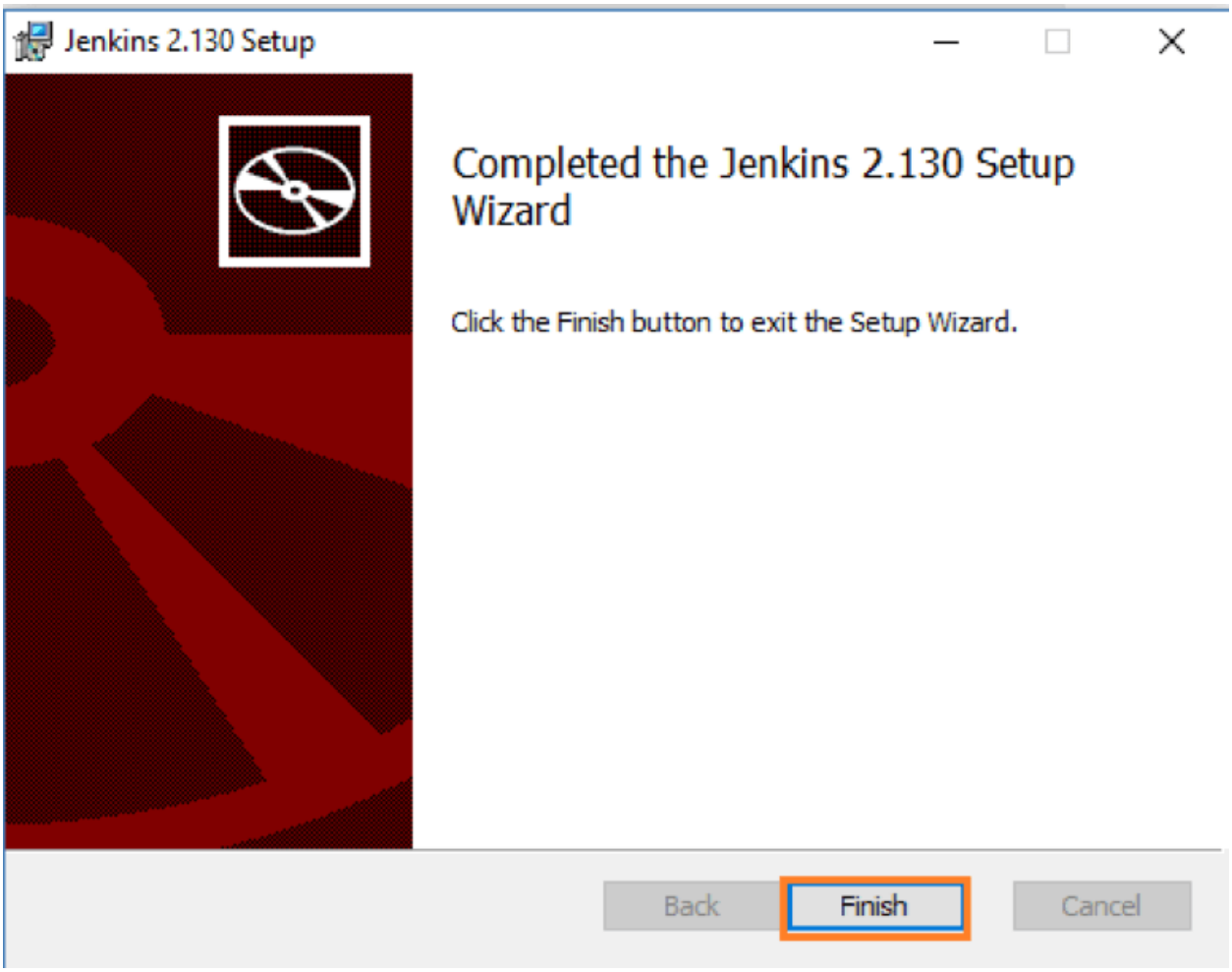
5. Click the “Install” button to start the installation process.



6. The installation will proceed.

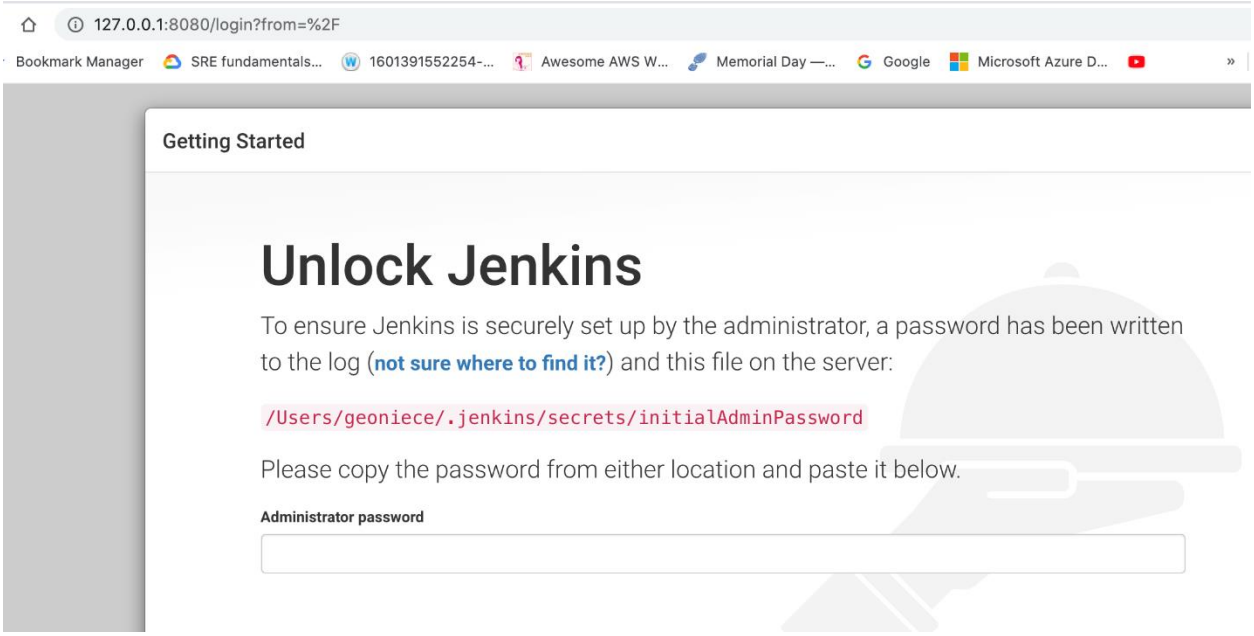


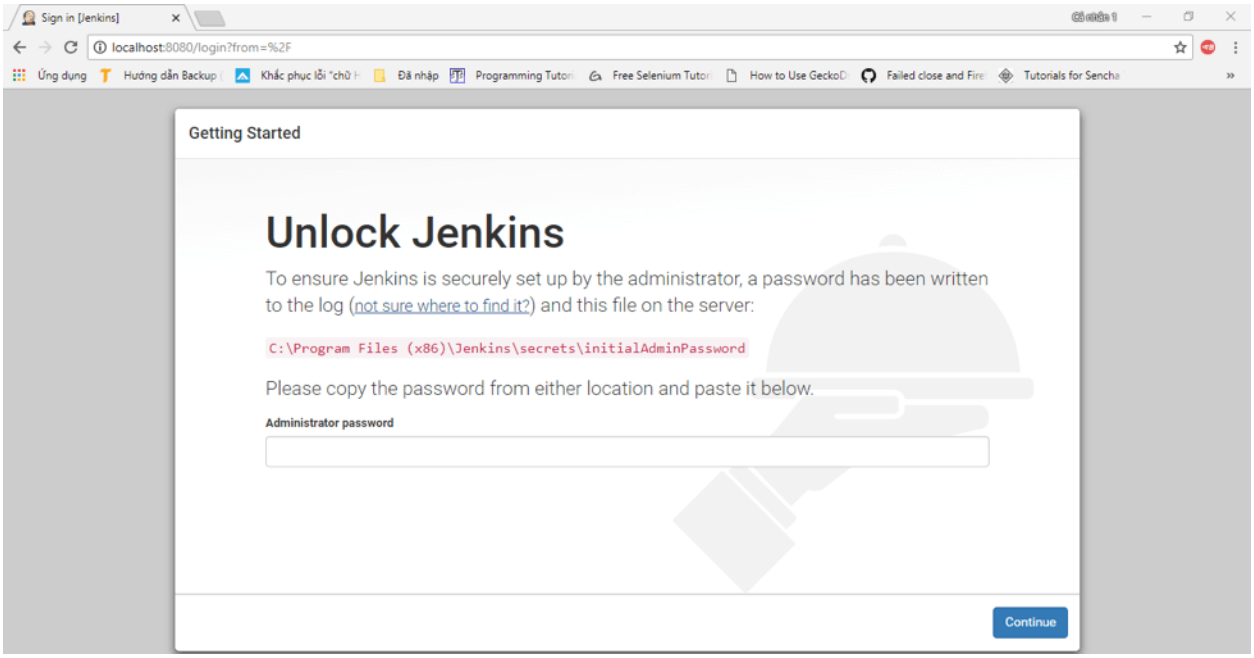
7. When done, click the “Finish” button to complete the installation process.



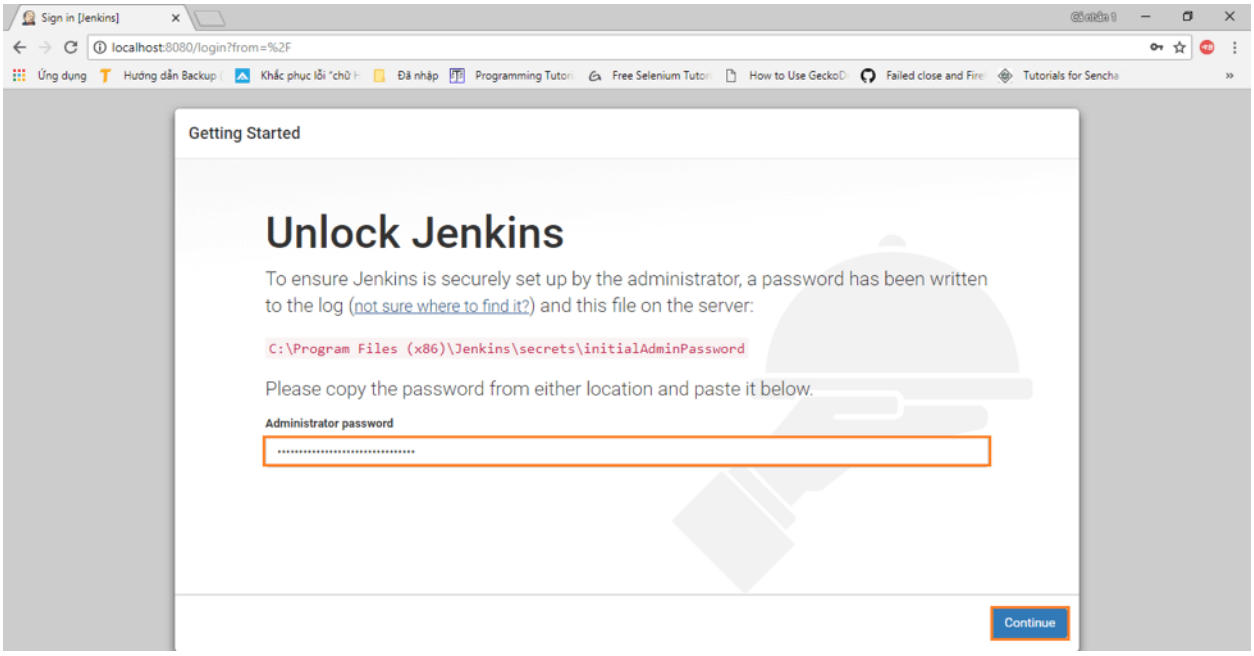
8. You will automatically be redirected to a local Jenkins page, or you can paste the URL **http://localhost:8080** in a browser.

Configure Jenkins

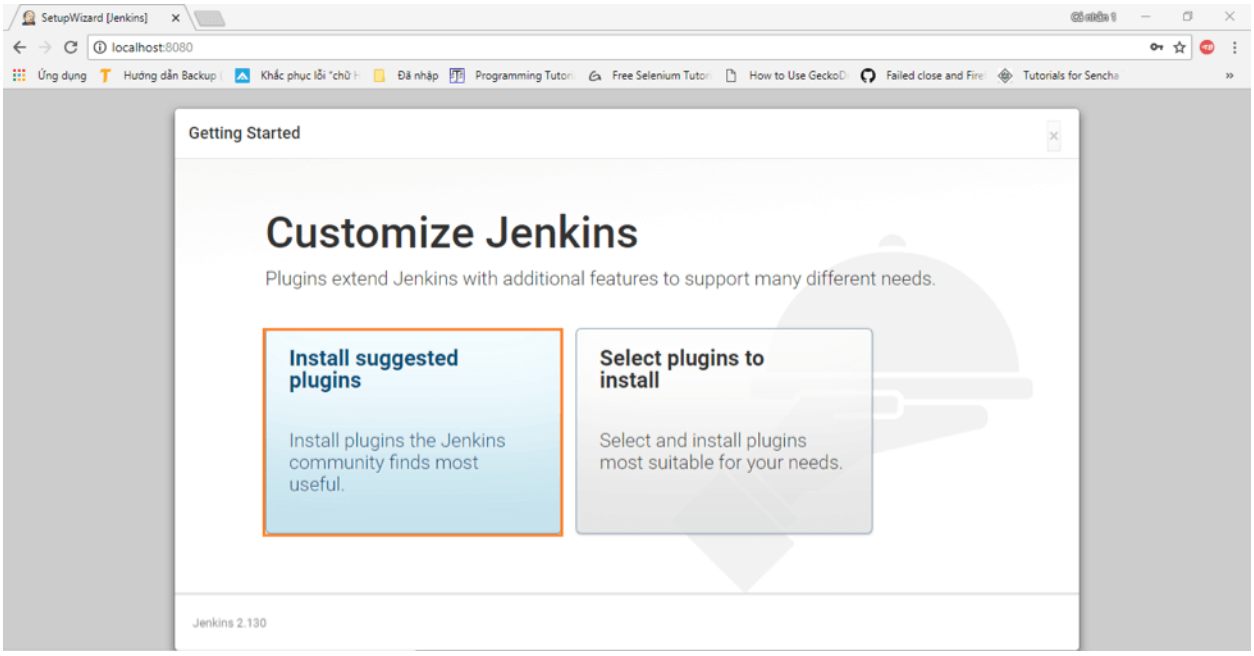




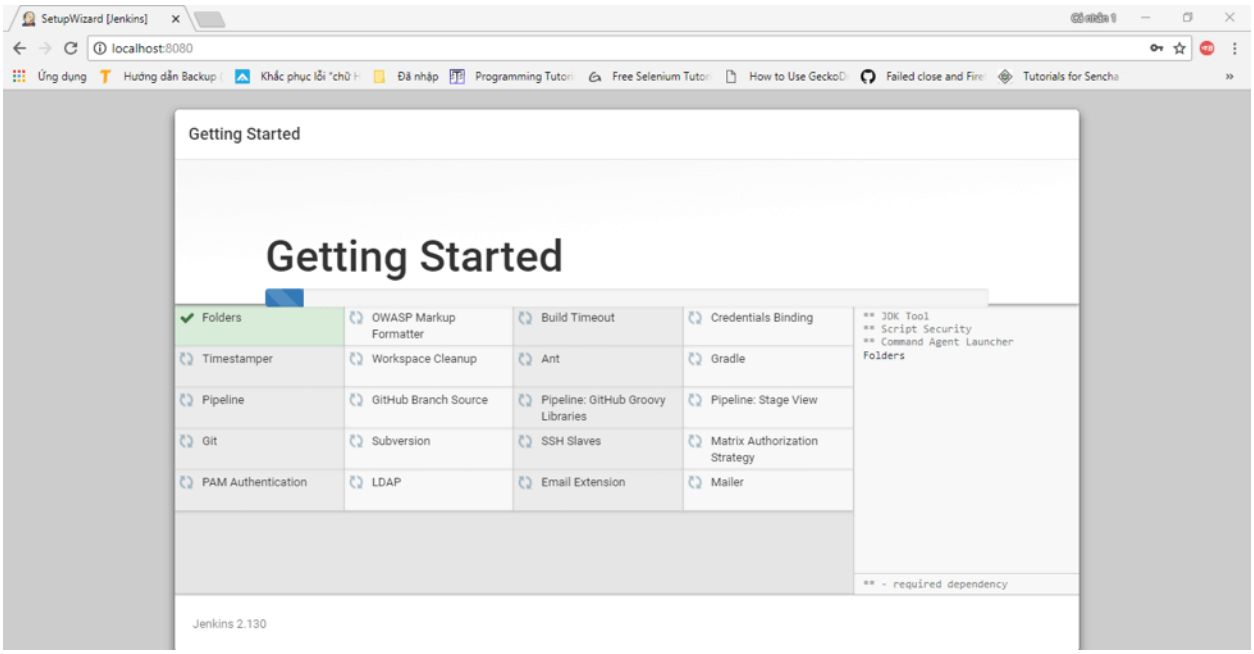
9. To unlock Jenkins, copy the password from the file at the location noted in the unlock screen paste it in the Administrator password field. Then, click the “Continue” button.



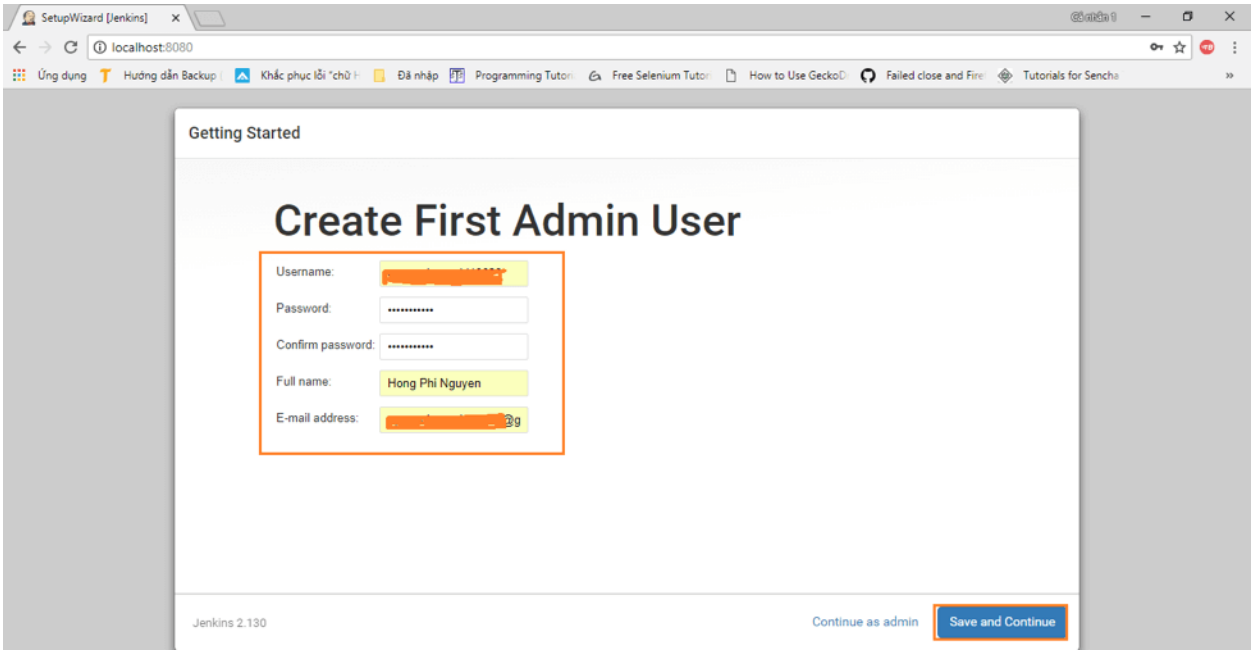
10. You can install either the suggested plugins or selected plugins you choose. To keep it simple, we will install the suggested plugins.



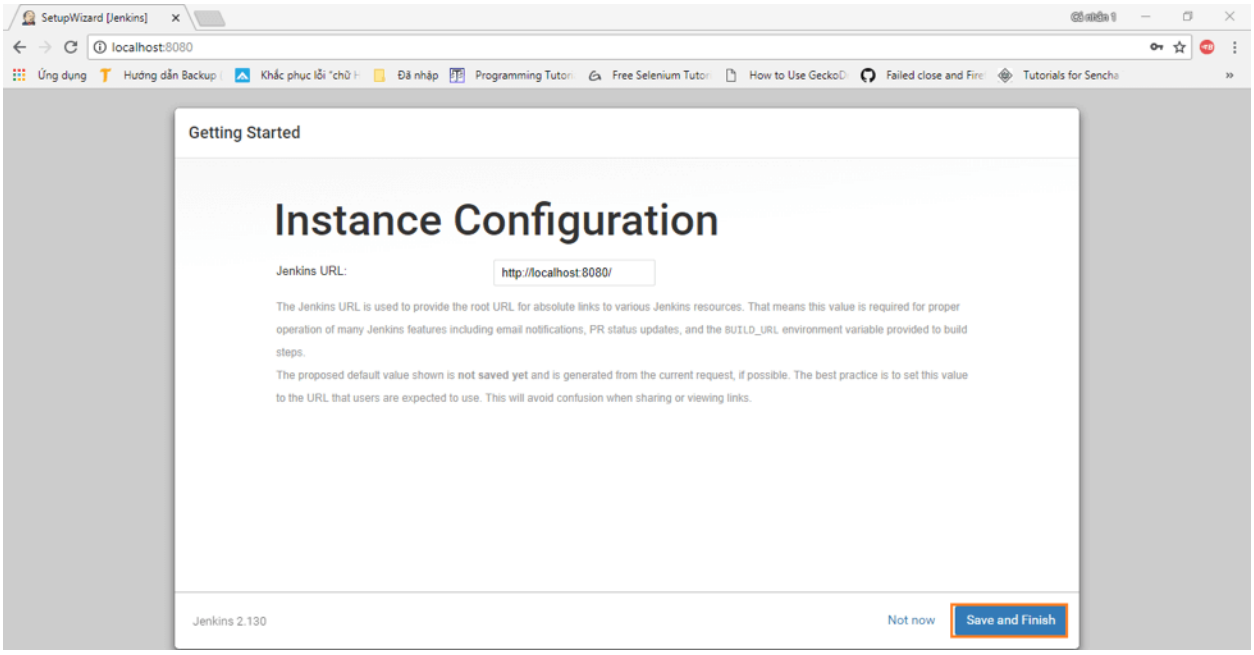
11. Wait until the plugins are completely installed.



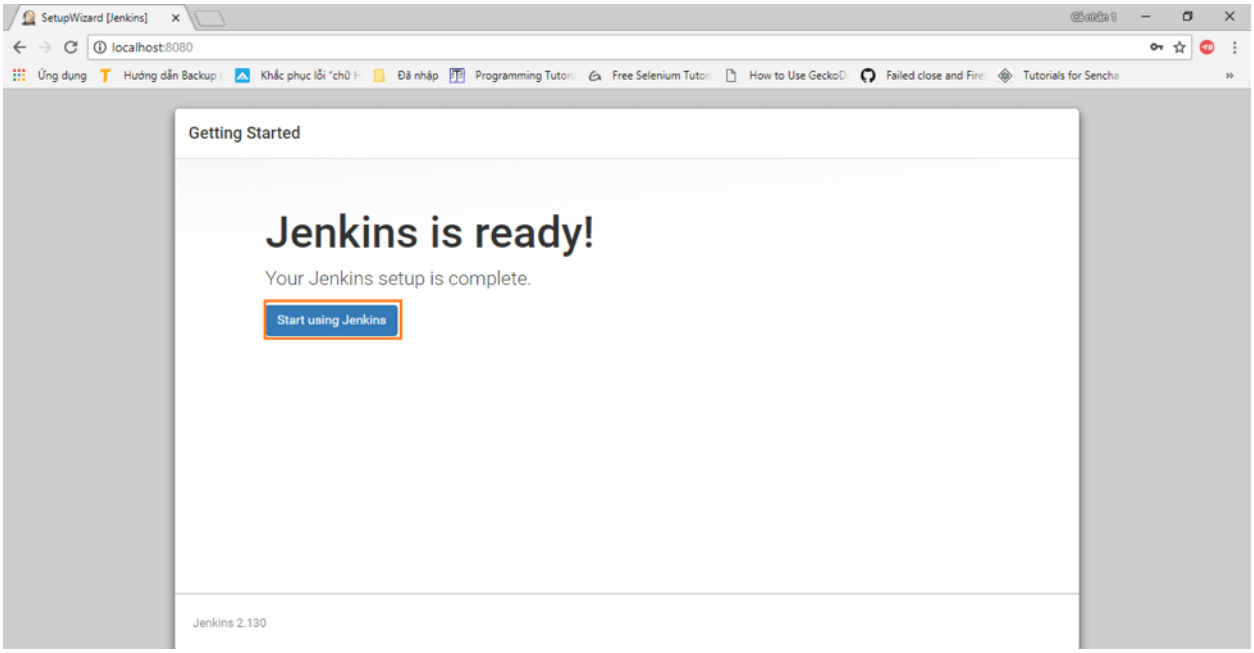
12. The next thing that you should do is create an Admin user for Jenkins. Then, enter your details and click “Save and Continue”.



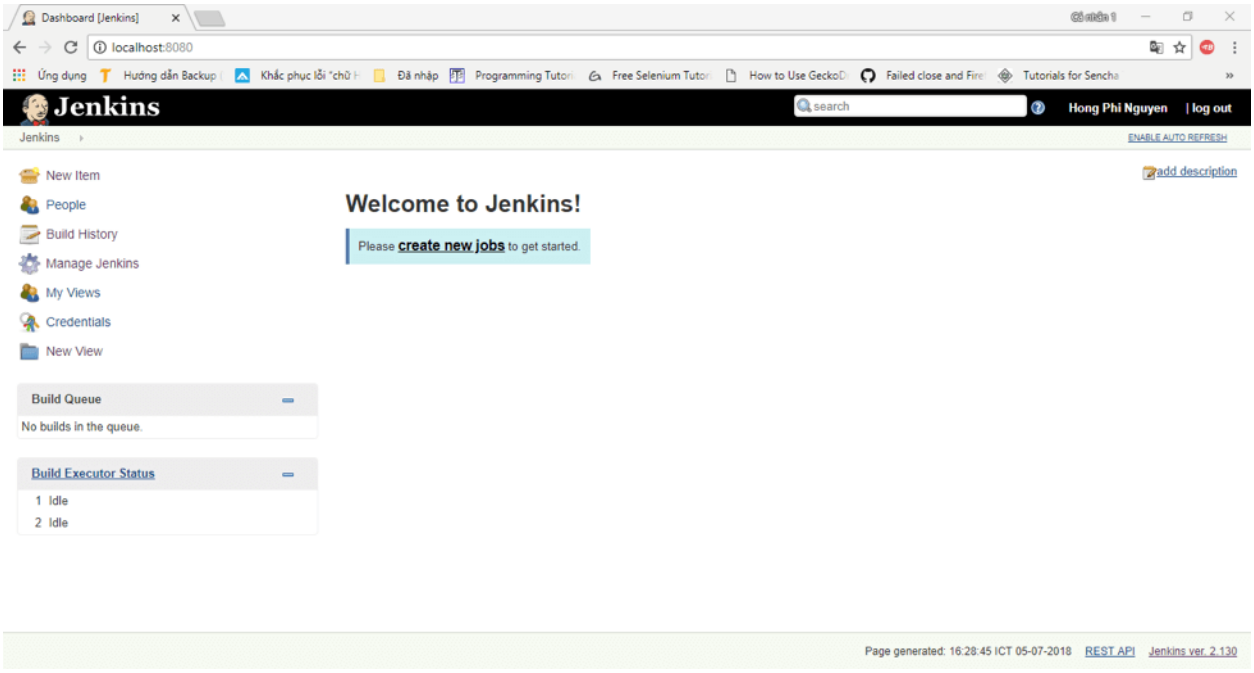
13. Click “Save and Finish” to complete the Jenkins installation.



14. Now, click “Start using Jenkins” to start Jenkins.



15. Finally, here is the default Jenkins page.


Dashboard [Jenkins]
localhost:8080
Jenkins
search
Hong Phi Nguyen
| log out
Jenkins
ENABLE AUTO REFRESH
New Item
People
Build History
Manage Jenkins
My Views
Credentials
New View
add description
Welcome to Jenkins!
Please create new jobs to get started.
Build Queue
No builds in the queue.
Build Executor Status
1 Idle
2 Idle
Page generated: 16:28:45 ICT 05-07-2018
REST API
Jenkins ver. 2.130