

Instructions to setup Jenkins Setup on Local host

For MAC OS:

1) Install homebrew (if not installed) (<https://brew.sh/>)

command:

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

2) Check home brew is installed

command: **brew --version**

3) Install jenkins

command: **brew install jenkins-lts**

```
~ % brew install jenkins-lts
```

```
==> Downloading https://ghcr.io/v2/homebrew/core/openjdk/21/manifests/21.0.3
Already downloaded: /Users/vishwa/Library/Caches/Homebrew/downloads/29e4abe21d98b321be8d508106141bfb94549690d035266e9030cbc8875eb3cd--openjdk@21-21.0.3.bottle_manifest.json
==> Pouring openjdk@21--21.0.3.arm64_sonoma.bottle.tar.gz
==> Installing jenkins-lts
==> Pouring jenkins-lts--2.452.2.arm64_sonoma.bottle.tar.gz
==> Caveats
Note: When using launchctl the port will be 8080.

To start jenkins-lts now and restart at login:
  brew services start jenkins-lts
Or, if you don't want/need a background service you can just run:
  /opt/homebrew/opt/openjdk@21/bin/java -Dmail.smtp.starttls.enable=true -jar /opt/homebrew/opt/jenkins-lts/libexec/jenkins.war --httpListenAddress=127.0.0.1 --httpPort=8080
==> Summary
==> Running 'brew cleanup jenkins-lts'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
Removing: /Users/vishwa/Library/Caches/Homebrew/jenkins-lts_bottle_manifest--2.452.1... (37.8KB)
Removing: /Users/vishwa/Library/Caches/Homebrew/jenkins-lts_bottle_manifest--2.452.1-1... (37.9KB)
==> Caveats
==> jenkins-lts
Note: When using launchctl the port will be 8080.

To start jenkins-lts now and restart at login:
  brew services start jenkins-lts
Or, if you don't want/need a background service you can just run:
  /opt/homebrew/opt/openjdk@21/bin/java -Dmail.smtp.starttls.enable=true -jar /opt/homebrew/opt/jenkins-lts/libexec/jenkins.war --httpListenAddress=127.0.0.1 --httpPort=8080
```

step 4)

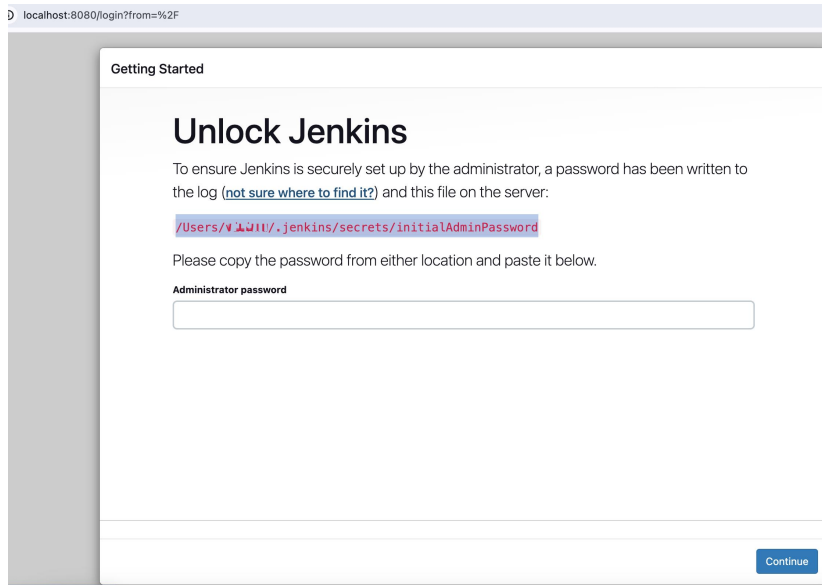
Start the Jenkins service:

command: **brew services start jenkins-lts**

step 5)

Open browser: launch URL: **localhost:8080**

Step 6) Get the first time password for jenkins , using the path displayed in below screen in your browser



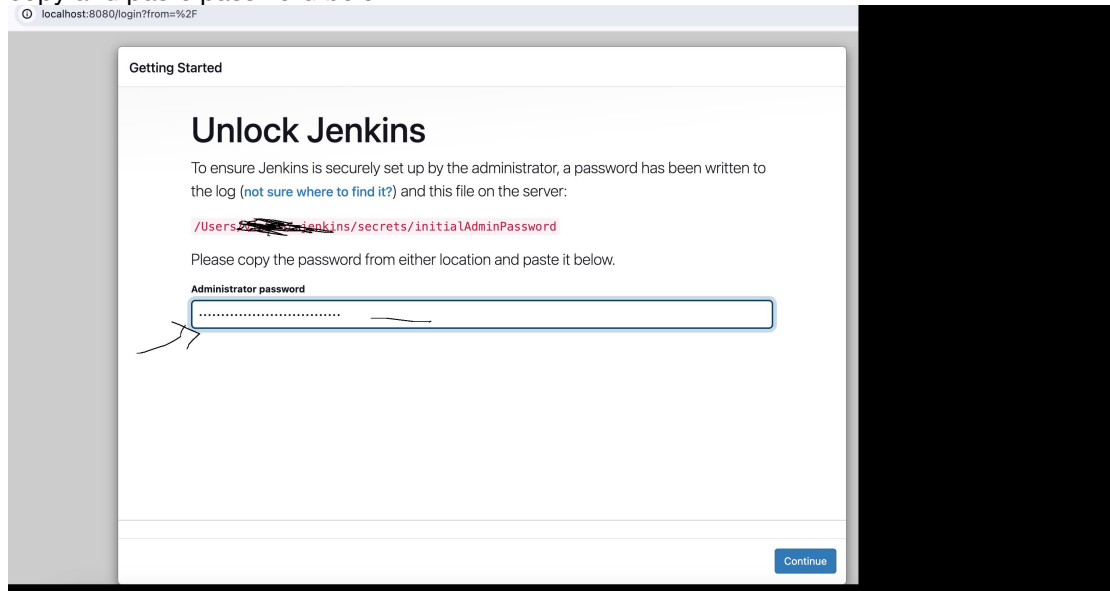
command:

```
sudo cat /users/user_name/.jenkins/secrets/initialAdminPassword
```

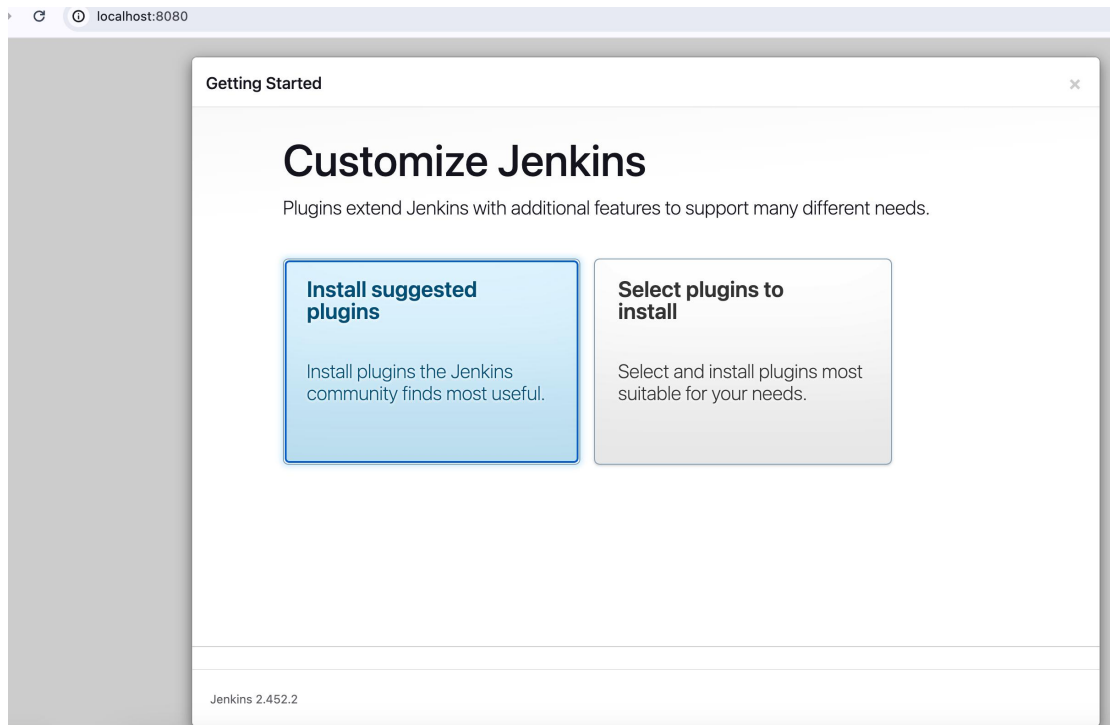
password will be displayed in your terminal as below

```
vishwa@Vishwas-MacBook-Pro:~$ sudo cat /users/vishwa/.jenkins/secrets/initialAdminPassword
Password:
2570f67711654f75549a19c12ae2a85f9
```

copy and paste password below:



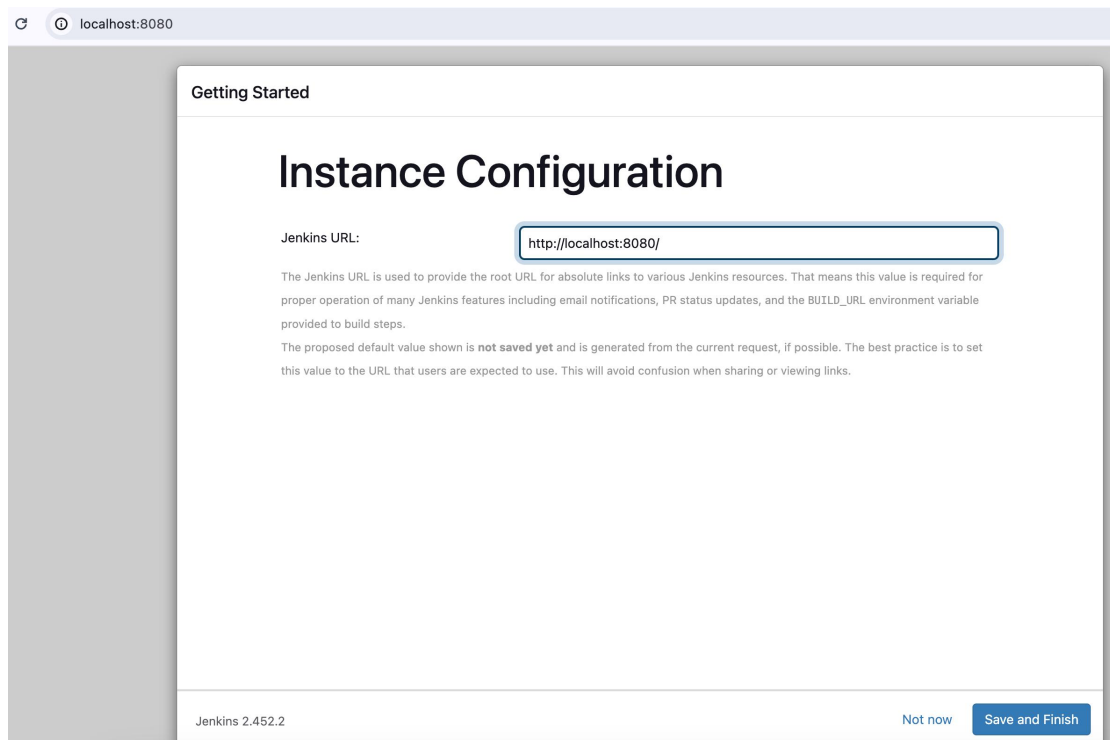
Continue



Click Install Suggest plugins

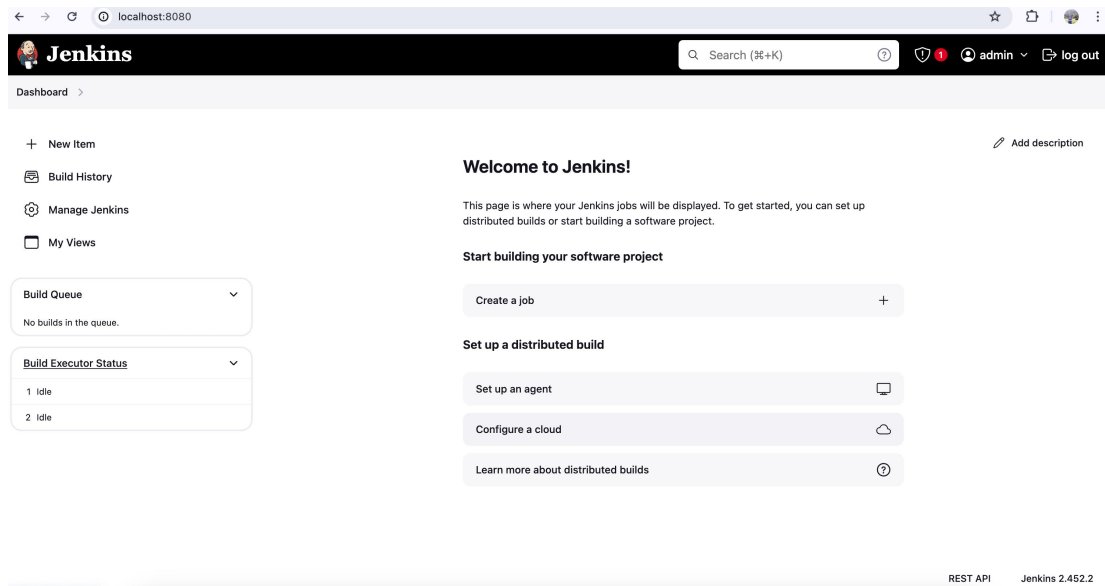
Wait for installation to complete.

provide admin user details to create admin user(remember user id and password provided for later login)



Save and Finish

Jenkins ready for use.



Useful commands for MAC OD:

<https://www.jenkins.io/download/its/macos/>

on Windows:

Download link: <https://www.jenkins.io/download/#downloading-jenkins>

Installation steps: <https://www.jenkins.io/doc/book/installing/windows/>