Seif Eldin Mohamed Aboelhassan Mohamed Hendawy
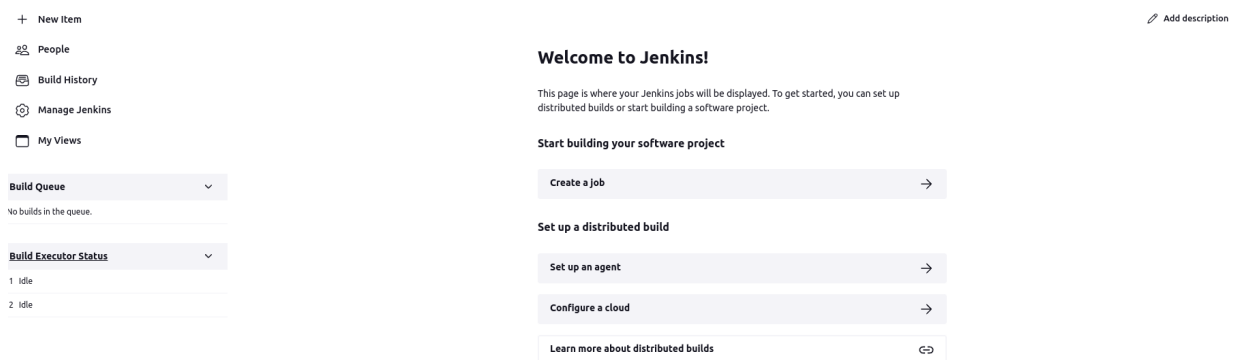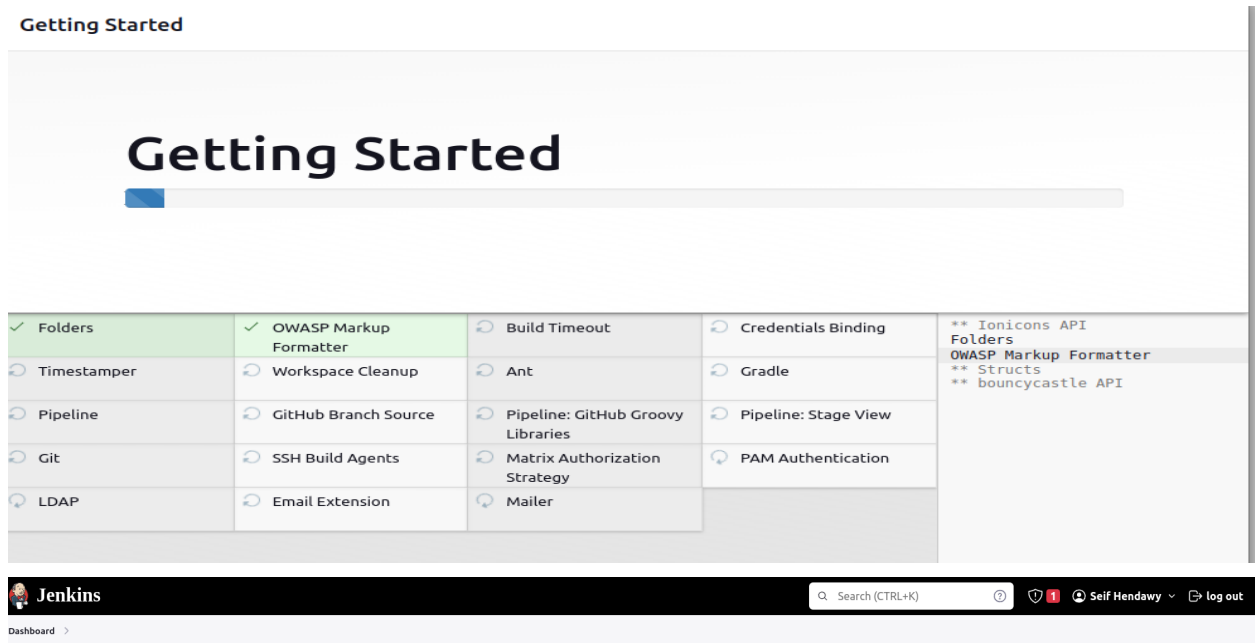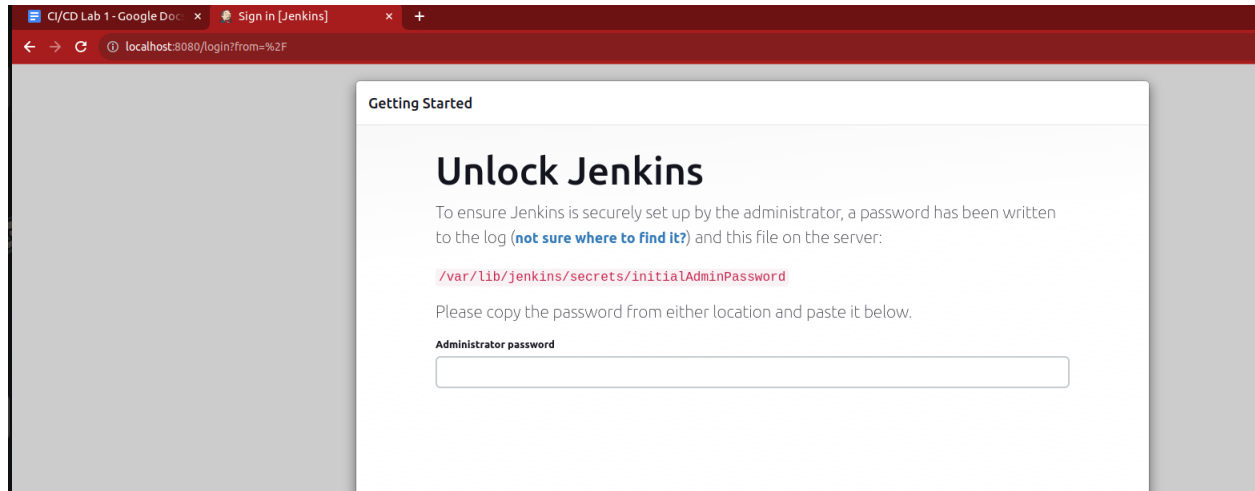## Lab 1

1- install jenkin

2- create jenkins "pipeline" which clone this repo
https://github.com/yoyoraso/Jenkins-demo/tree/main and rename test.txt file to your name then
Configure Post-Build Actions: archiving artifacts the new txt file after rename.

✓ Build #38 (Sep 21, 2023, 2:34:00 PM)

Build Artifacts
📄 **Seif Hendawy.txt**   43 B   view

Started by timer

git

Revision: 440b1a6cc0b810be9fbe65be3cb4de63f3dfe81d
Repository: https://github.com/yoyoraso/Jenkins-demo.git

- refs/remotes/origin/main

	Clone Repository	Rename File	Declarative: Post Actions
Average stage times: (Average full run time: ~1s)	877ms	460ms	107ms
#42 Sep 21 14:38 No Changes	859ms	480ms	84ms
#41 Sep 21 14:37 No Changes	813ms	514ms	139ms
#40 Sep 21 14:36 No Changes	879ms	494ms	69ms
#39 Sep 21 14:35 No Changes	795ms	492ms	127ms

```
[Pipeline] script
[Pipeline] {
[Pipeline] git
Selected Git installation does not exist. Using Default
The recommended git tool is: NONE
No credentials specified
 > git rev-parse --resolve-git-dir /var/lib/jenkins/workspace/job-lab1/.git # timeout=10
Fetching changes from the remote Git repository
 > git config remote.origin.url https://github.com/yoyoraso/Jenkins-demo.git # timeout=10
Fetching upstream changes from https://github.com/yoyoraso/Jenkins-demo.git
 > git --version # timeout=10
 > git --version # 'git version 2.34.1'
 > git fetch --tags --force --progress -- https://github.com/yoyoraso/Jenkins-demo.git +refs/heads/*:refs/remotes/origin/* # timeout=10
 > git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision 440b1a6cc0b810be9fbe65be3cb4de63f3dfe81d (refs/remotes/origin/main)
 > git config core.sparsecheckout # timeout=10
 > git checkout -f 440b1a6cc0b810be9fbe65be3cb4de63f3dfe81d # timeout=10
 > git branch -a -v --no-abbrev # timeout=10
 > git branch -D main # timeout=10
 > git checkout -b main 440b1a6cc0b810be9fbe65be3cb4de63f3dfe81d # timeout=10
Commit message: "Update test.txt"
 > git rev-list --no-walk 440b1a6cc0b810be9fbe65be3cb4de63f3dfe81d # timeout=10
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Rename File)
[Pipeline] script
[Pipeline] {
[Pipeline] sh
+ mv test.txt Seif Hendawy.txt
[Pipeline] }
[Pipeline] // script
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] archiveArtifacts
Archiving artifacts
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

```groovy
 1  pipeline {
 2      agent any
 3
 4      stages {
 5          stage('Clone Repository') {
 6              steps {
 7                  script {
 8                      git branch: "main",
 9                      url: 'https://github.com/yoyoraso/Jenkins-demo.git'
10                  }
11              }
12          }
13
14          stage('Rename File') {
15              steps {
16                  script {
17                      sh 'mv test.txt "Seif Hendawy.txt"'
18                  }
19              }
20          }
21      }
22      post {
23          success {
24              archiveArtifacts artifacts: 'Seif Hendawy.txt', onlyIfSuccessful: true
25          }
26      }
27  }
```