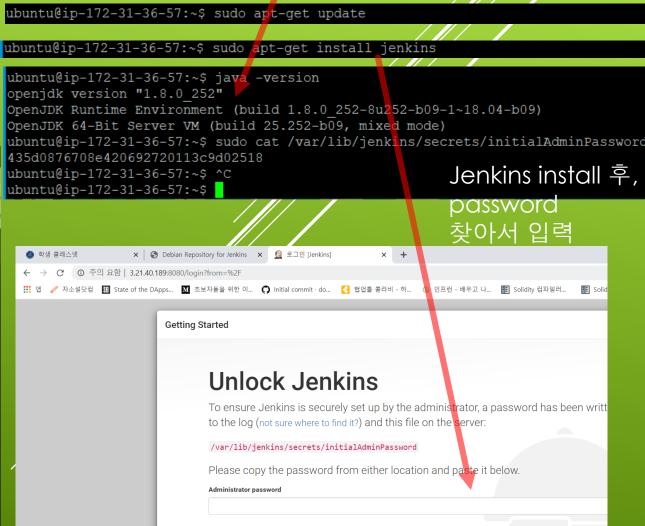
# Jenkins 실습

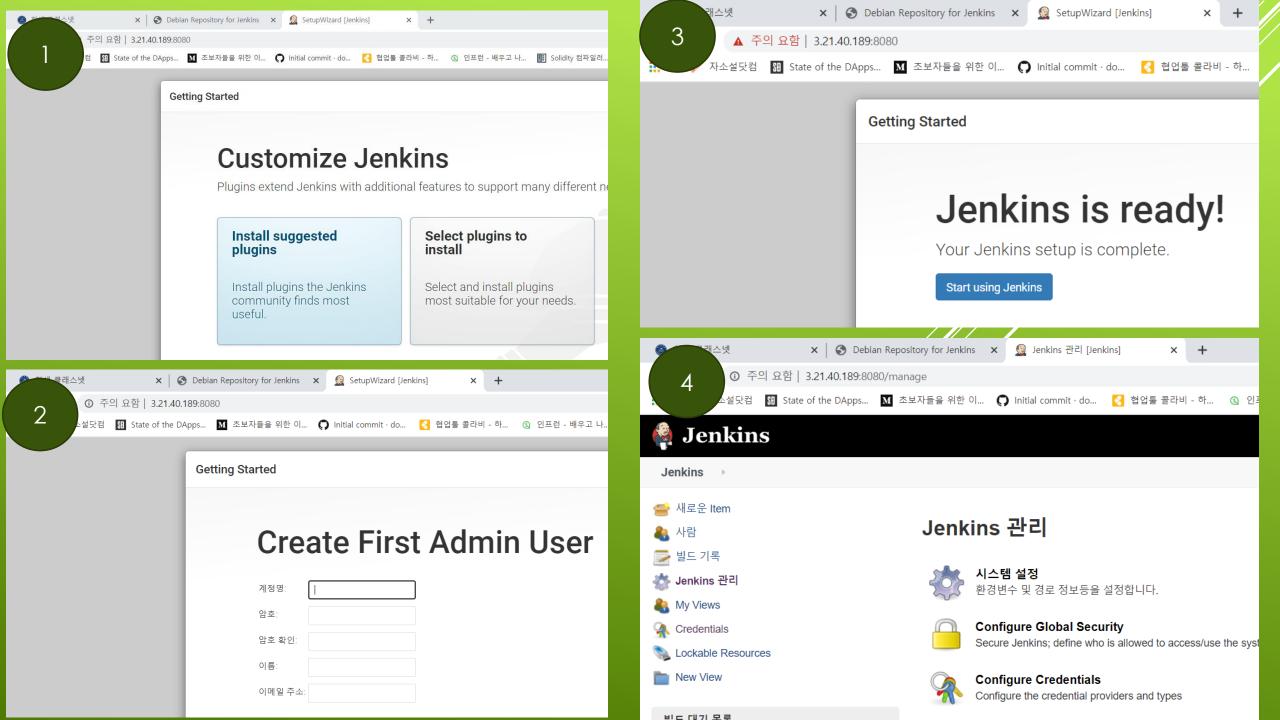
#### Master

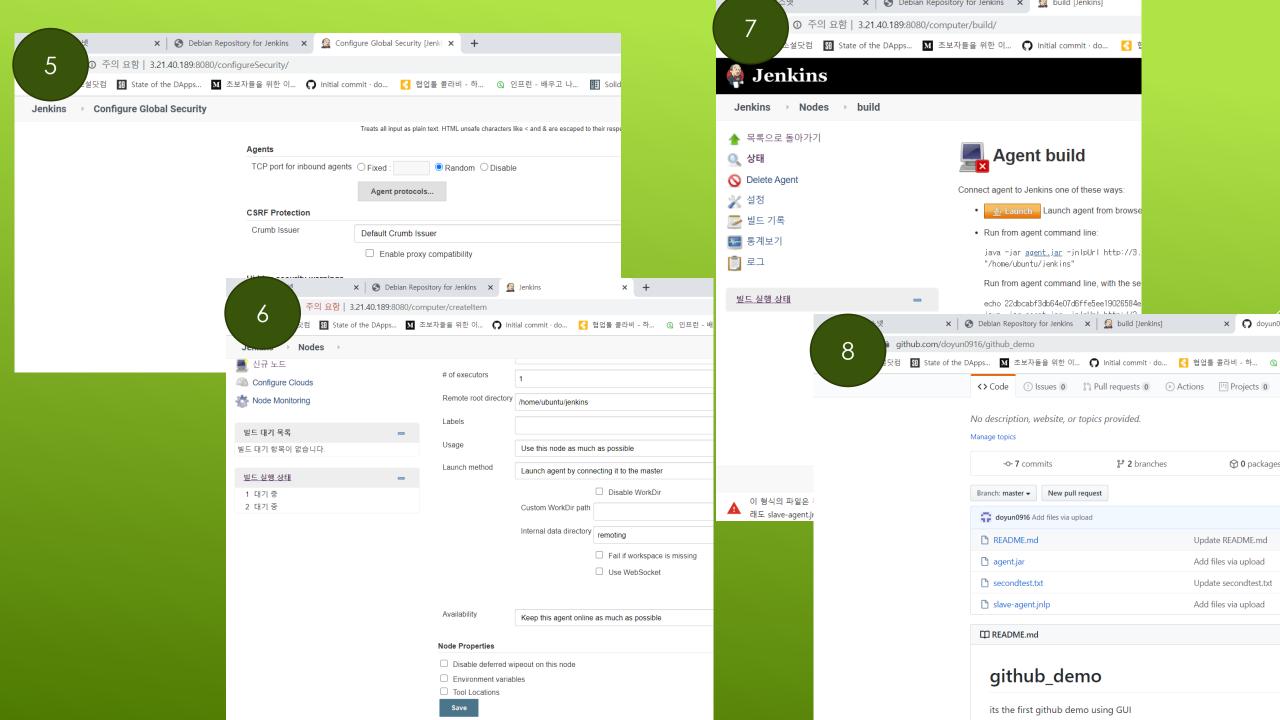
ubuntu@ip-172-31-36-57:~\$ sudo apt update

```
ubuntu@ip-172-31-36-57:~$ sudo apt install openjdk-8-jdk
ubuntu@ip-172-31-36-57:~$ wget -q -O - https://pkg.jenkins.io/debian-stable/jenk
ins.io.key | sudo apt-key add -
ubuntu@ip-172-31-36-57:~$ sudo su -
root@ip-172-31-36-57:~# vim /etc/apt/sources.list
Proot@ip-172-31-36-57: ~
                                          binary<mark>/</mark>
                ast-2.ec2.archive.ubuntu.com/ubuntu/ bionic-updates main restrict
"/etc/apt/sources.list" 58L, 3401C
                                                                1,48
                                                                               Top
```

## Java version 8이 필요

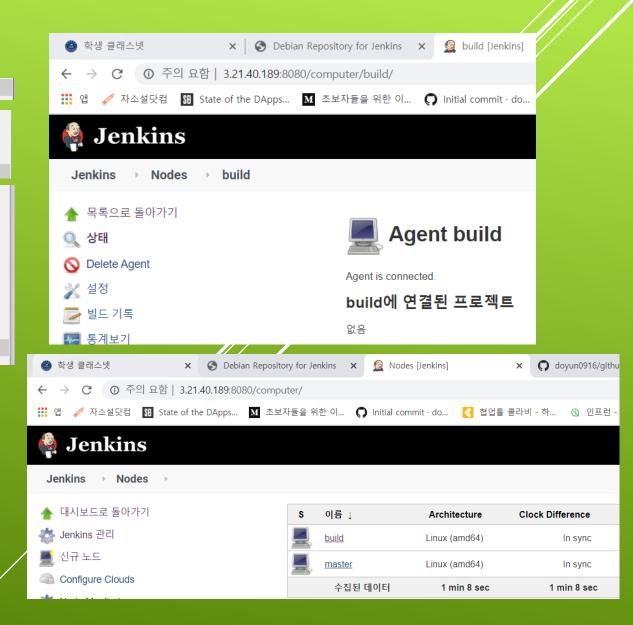


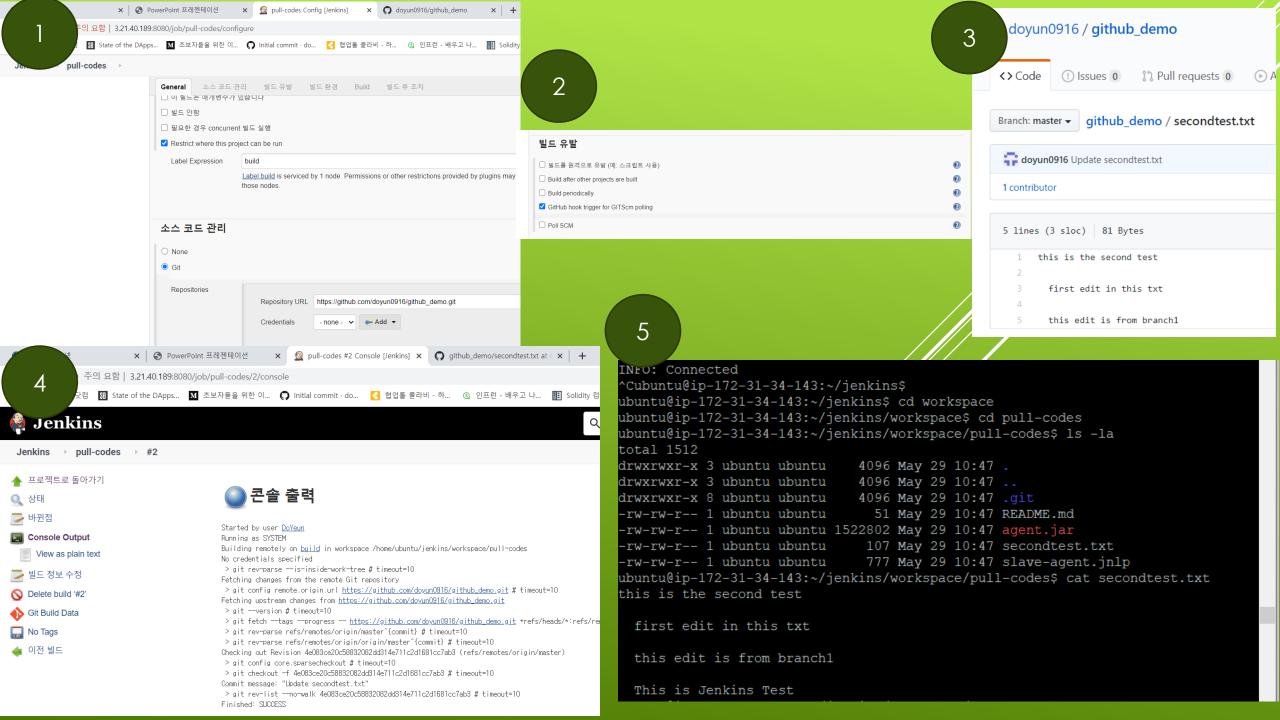




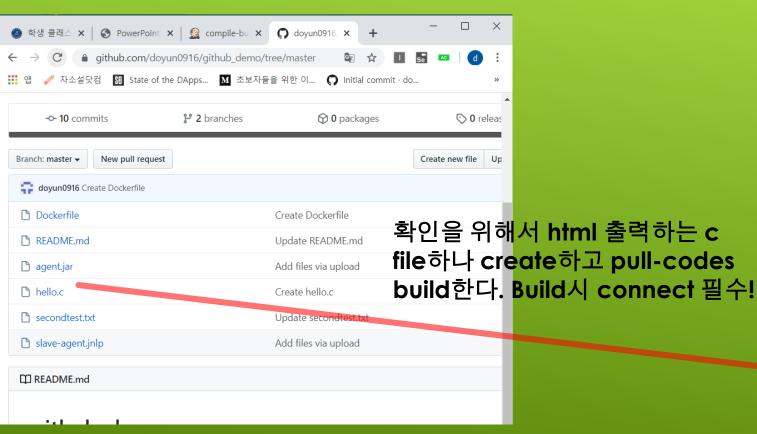
# **Agent**

```
ubuntu@ip-172-31-34-143:~$ sudo apt update
ubuntu@ip-172-31-34-143:~$ sudo apt install openjdk-8-jdk
ubuntu@ip-172-31-34-143:~$ sudo apt install -y git
ubuntu@ip-172-31-34-143:~$ mkdir jenkins
ubuntu@ip-172-31-34-143:~$ cd jenkins
ubuntu@ip-172-31-34-143:~/jenkins$ git init
Initialized empty Git repository in /home/ubuntu/jenkins/.git/
ubuntu@ip-172-31-34-143:~/jenkins$ git remote add origin https://github.com/doyu
n0916/github demo.git
ubuntu@ip-172-31-34-143:~/jenkins$ git pull origin master
remote: Enumerating objects: 20, done.
remote: Counting objects: 100% (20/20), done.
remote: Compressing objects: 100% (16/16), done.
remote: Total 20 (delta 1), reused 0 (delta 0), pack-reused 0
Jnpacking objects: 100% (20/20), done.
From https://github.com/doyun0916/github demo
                               -> FETCH HEAD
* branch
                    master
* [new branch]
                               -> origin/master
                    master
ubuntu@ip-172-31-34-143:~/jenkins$ ls -la
total 1516
                              4096 May 29 10:34 .
drwxrwxr-x 4 ubuntu ubuntu
                              4096 May 29 10:08 ...
drwxr-xr-x 6 ubuntu ubuntu
                              4096 May 29 10:34 .git
drwxrwxr-x 8 ubuntu ubuntu
                                51 May 29 10:34 README.md
-rw-rw-r-- 1 ubuntu ubuntu
-rw-rw-r-- 1 ubuntu ubuntu 1522802 May 29 10:34 agent.jar
                              4096 May 29 10:31 github demo
drwxrwxr-x 3 ubuntu ubuntu
                               81 May 29 10:34 secondtest.txt
-rw-rw-r-- 1 ubuntu ubuntu
-rw-rw-r-- 1 ubuntu ubuntu
                               777 May 29 10:34 slave-agent.jnlp
ubuntu@ip-172-31-34-143:~/jenkins$ java -jar agent.jar -jnlpUrl http://3.21.40.1
89:8080/computer/build/slave-agent.jnlp -secret 22dbcabf3db64e07d6ffe5ee19026584
e63bbf824bc56b7ce26718d28825fde4 -workDir "/home/ubuntu/jenkins"
May 29, 2020 10:34:40 AM org.jenkinsci.remoting.engine.WorkDirManager initialize
WorkDir
```

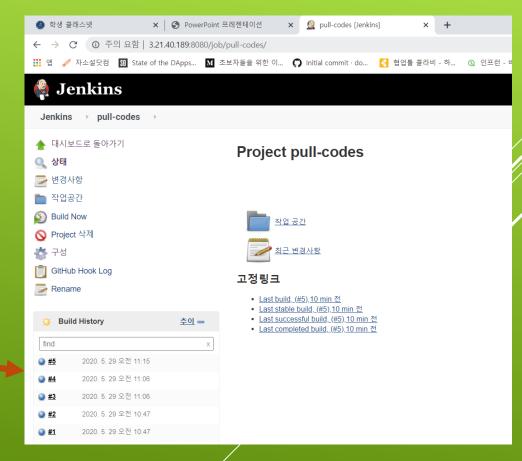




ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes\$ sudo docker run -it -d u buntu 6314fc19f1e14b3f5b08c718720e6cdae3000ae2c72f0521f6d6adfb52469a41



#### B411001 강도연



```
ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$ sudo apt-get install gcc
^Cubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$ sudo apt-get install d
ker.io

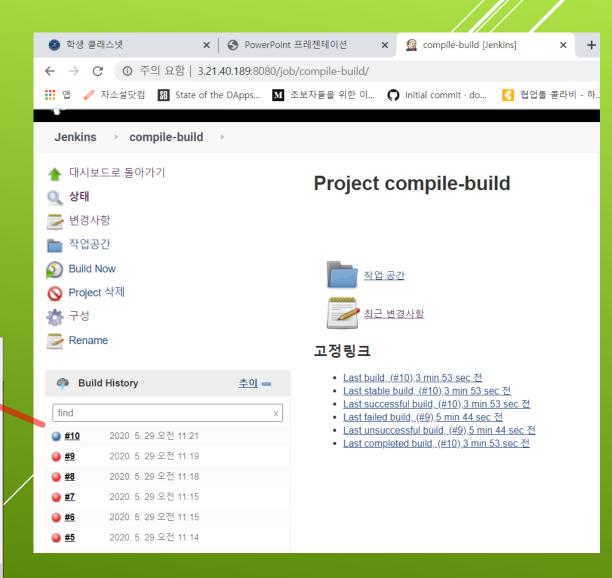
ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$ sudo docker run -it -d u
buntu
6314fc19f1e14b3f5b08c718720e6cdae3000ae2c72f0521f6d6adfb52469a41

ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$ java -jar agent.jar -jnl
pUrl http://3.21.40.189:8080/computer/build/slave-agent.jnlp -secret 22dbcabf3db
64e07d6ffe5ee19026584e63bbf824bc56b7ce26718d28825fde4 -workDir "/home/ubuntu/jen
```

kins"

### Build 후 결과!

```
ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$ ls -la
total 1536
drwxrwxr-x 3 ubuntu ubuntu
                              4096 May 29 11:21 .
                              4096 May 29 11:06 ...
drwxrwxr-x 4 ubuntu ubuntu
drwxrwxr-x 8 ubuntu ubuntu
                              4096 May 29 11:15 .git
                              181 May 29 11:06 Dockerfile
-rw-rw-r-- 1 ubuntu ubuntu
                               51 May 29 10:47 README.md
-rw-rw-r-- 1 ubuntu ubuntu
                              8304 May 29 11:21 a.out
-rwxrwxr-x 1 ubuntu ubuntu
-rw-rw-r-- 1 ubuntu ubuntu 1522802 May 29 10:47 agent.jar
                                88 May 29 11:15 hello.c
-rw-rw-r-- 1 ubuntu ubuntu
-rw-rw-r-- 1 ubuntu ubuntu
                               27 May 29 11:21 index.html
                               107 May 29 10:47 secondtest.txt
-rw-rw-r-- 1 ubuntu ubuntu
                               777 May 29 10:47 slave-agent.jnlp
-rw-rw-r-- 1 ubuntu ubuntu
ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$ cat index.html
<h1>Hellok, Professor</h1>
ubuntu@ip-172-31-34-143:~/jenkins/workspace/pull-codes$
```



# 결과

