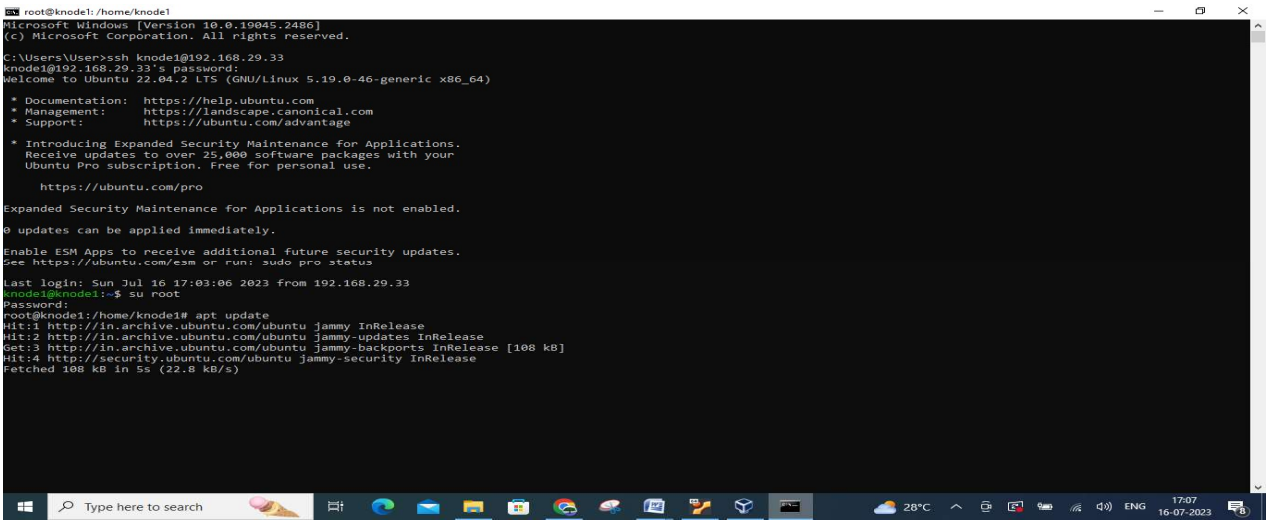
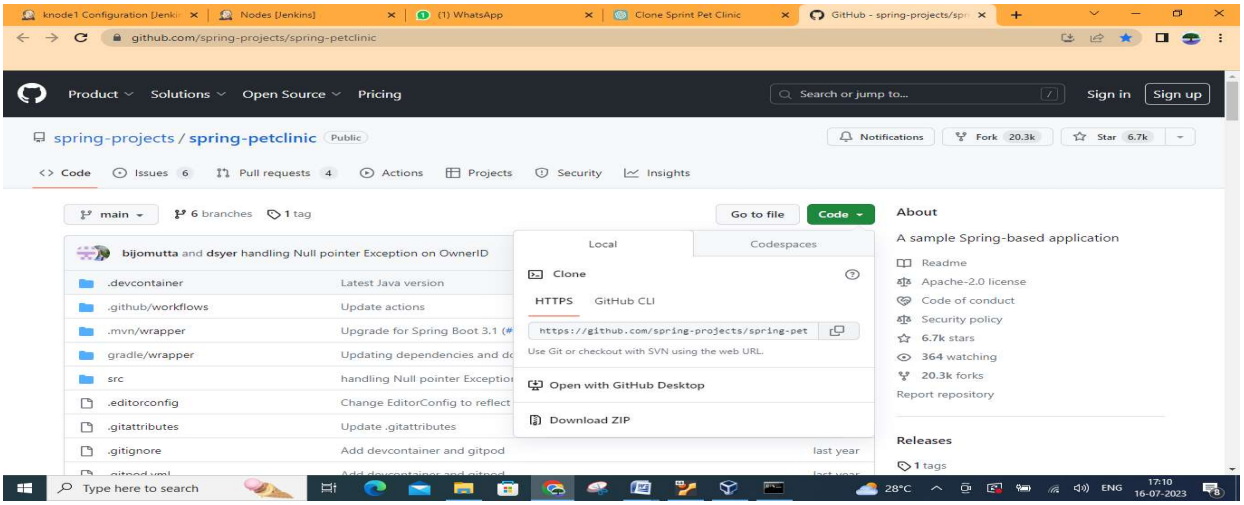
Assignment 4

Manual Cloning of the Sprint Pet Clinic Repo

1. Open a terminal or command prompt on your local machine.

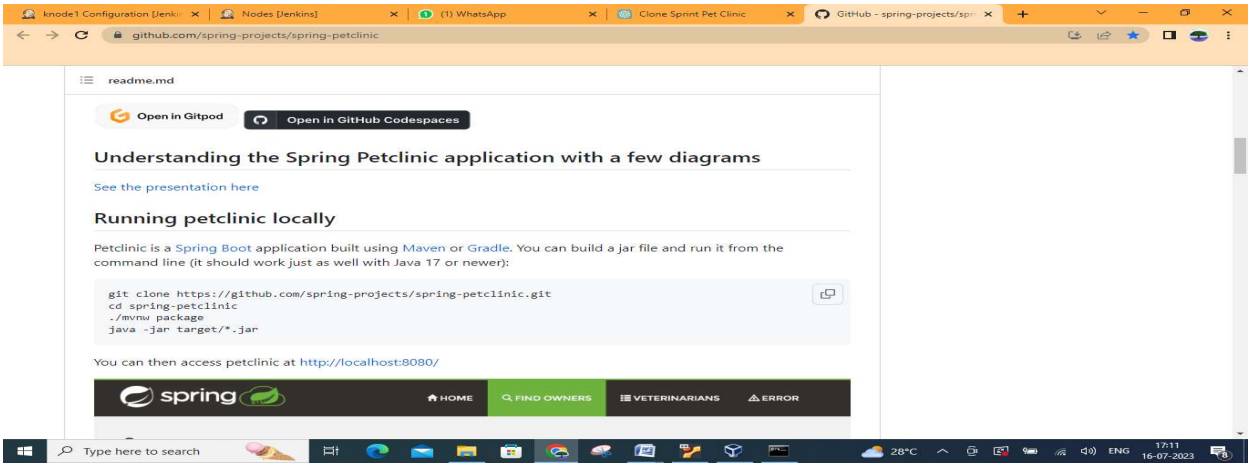


2. Navigate to the directory where you want to clone the repository.

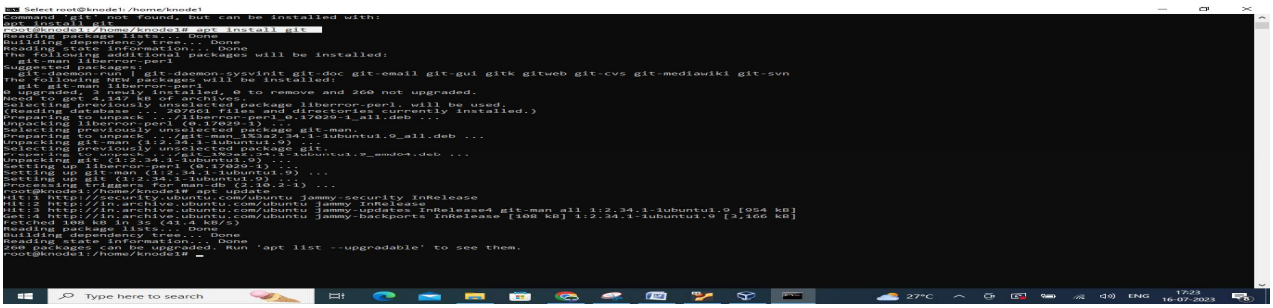


3. Run the following command to clone the Sprint Pet Clinic repository from its remote URL:

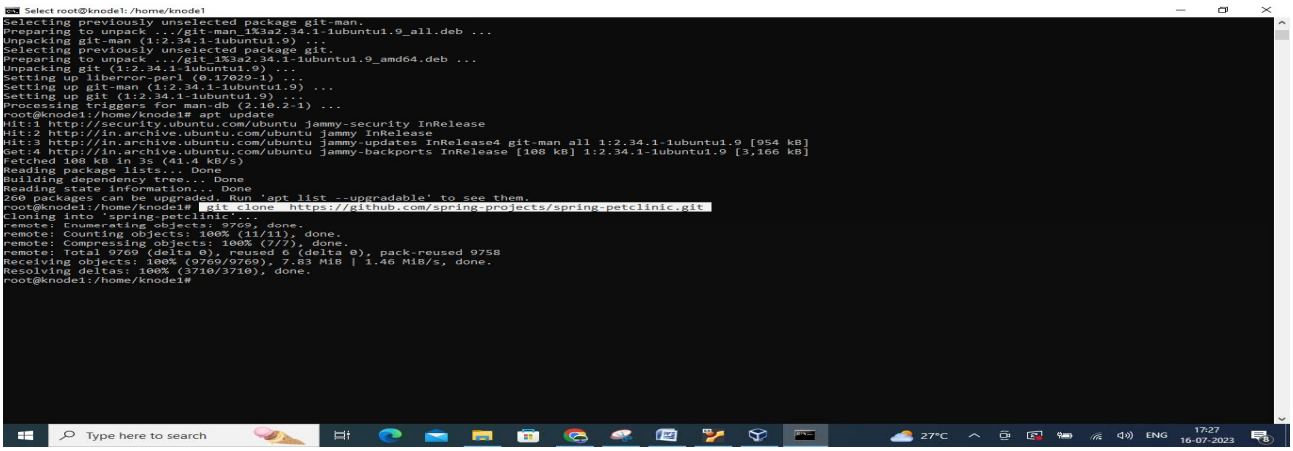
   git clone https://github.com/spring-projects/spring-petclinic.git .



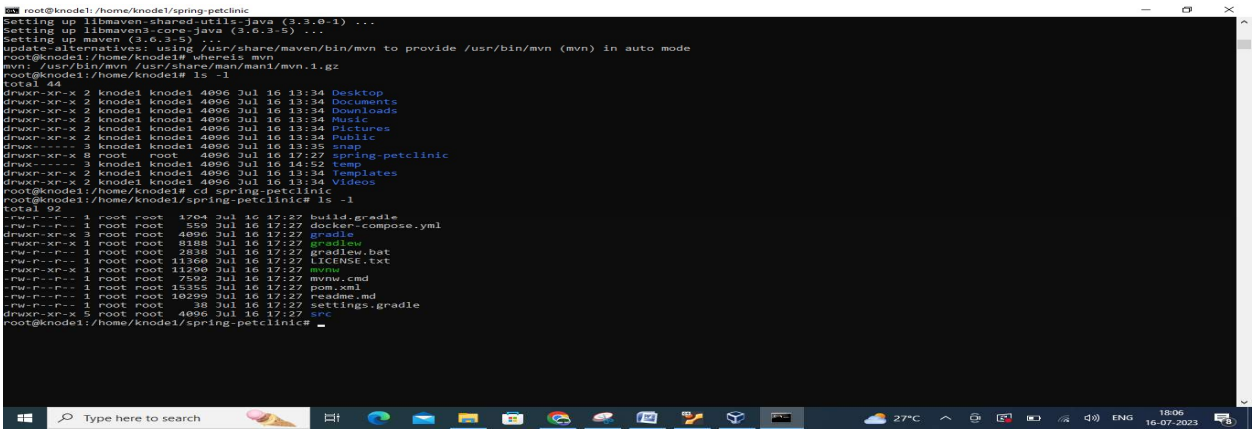
This will give brief about pet-clinic requirements to run in local machine.



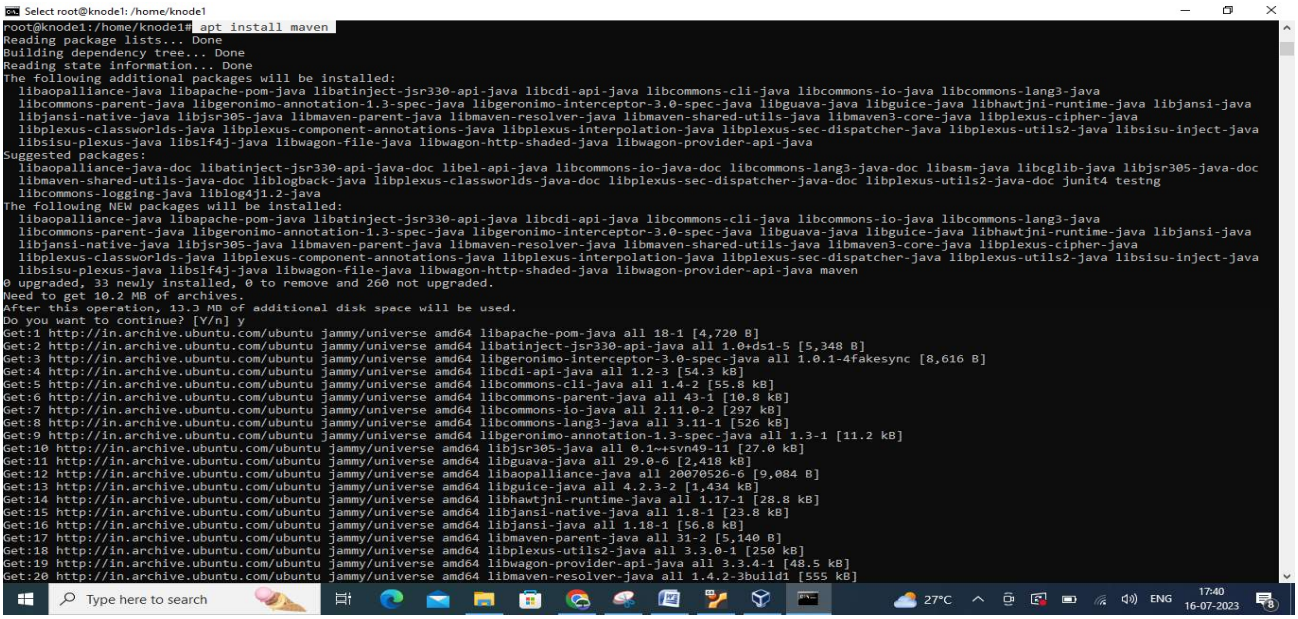
Install git using command**: apt install git**



Paste URL : git clone https://github.com/spring-projects/spring-petclinic.git .



4. Once the cloning process is complete, you will have a local copy of the Sprint Pet Clinic repository on your machine.

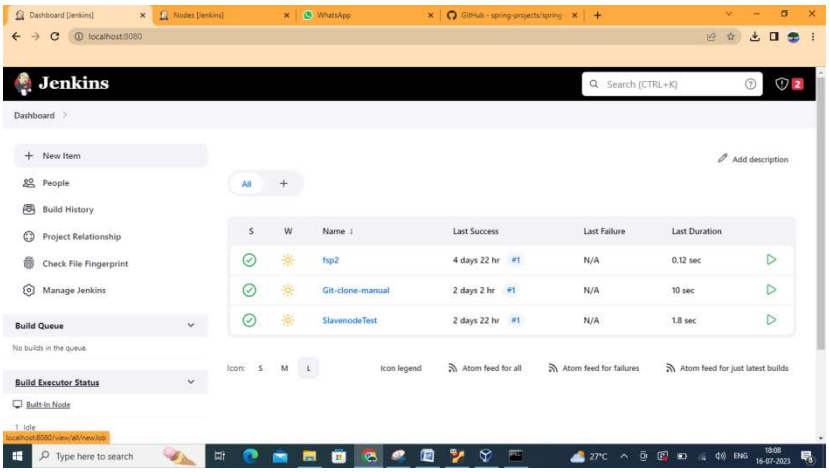


apt install maven

Setting up Jenkins Job to Clone the Repo:

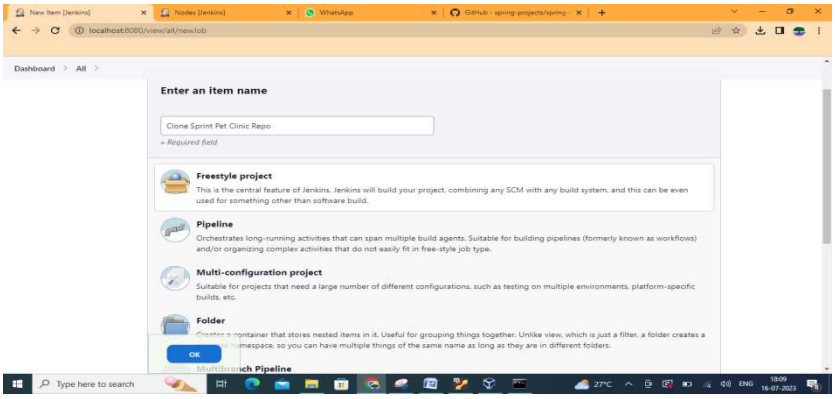
Now, let's automate the cloning process using Jenkins. Make sure you have Jenkins installed and running on your system before proceeding.

1. Open your Jenkins dashboard in a web browser and log in.



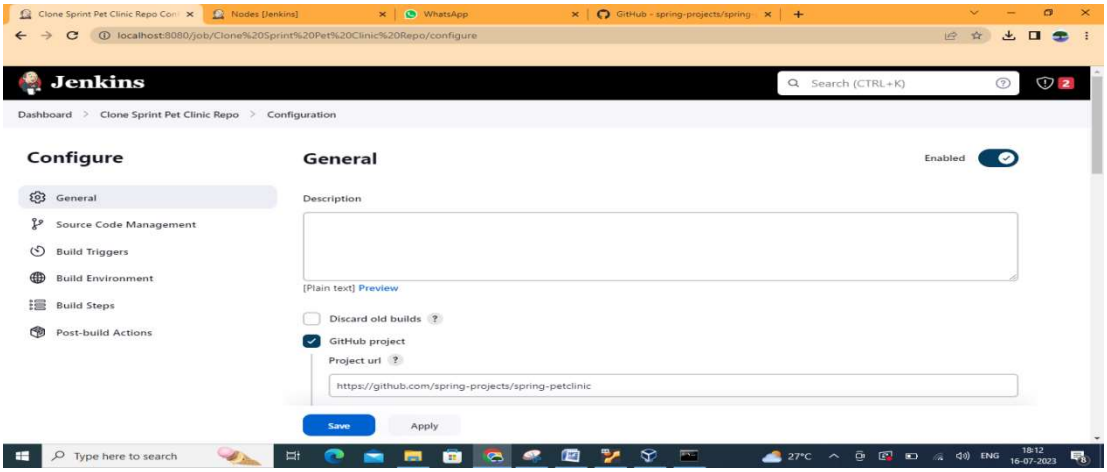
2. Create a new Jenkins job:

- Click on "New Item" on the left-hand side.
- Enter a name for your job (e.g., "Clone Sprint Pet Clinic Repo").
- Choose the "Freestyle project" option and click "OK."

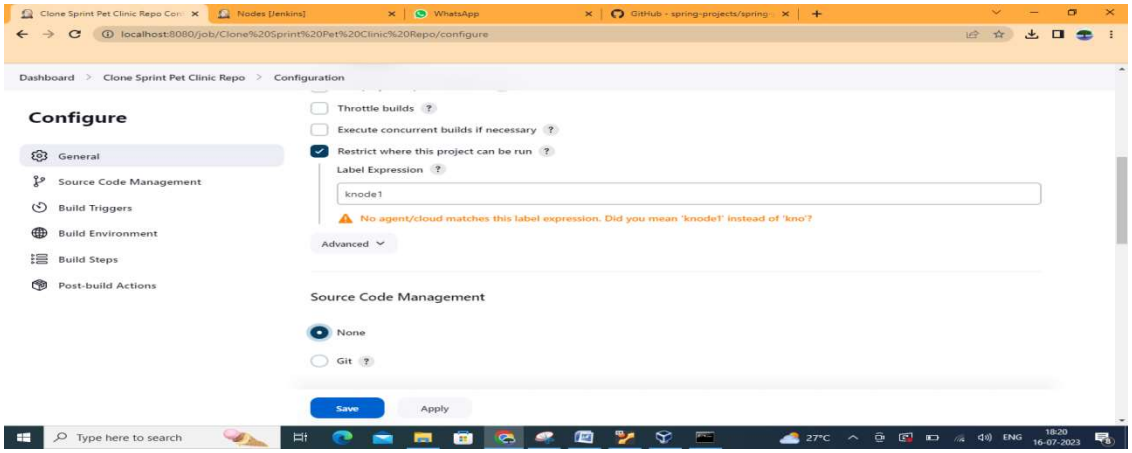


3. Configure the Jenkins job:

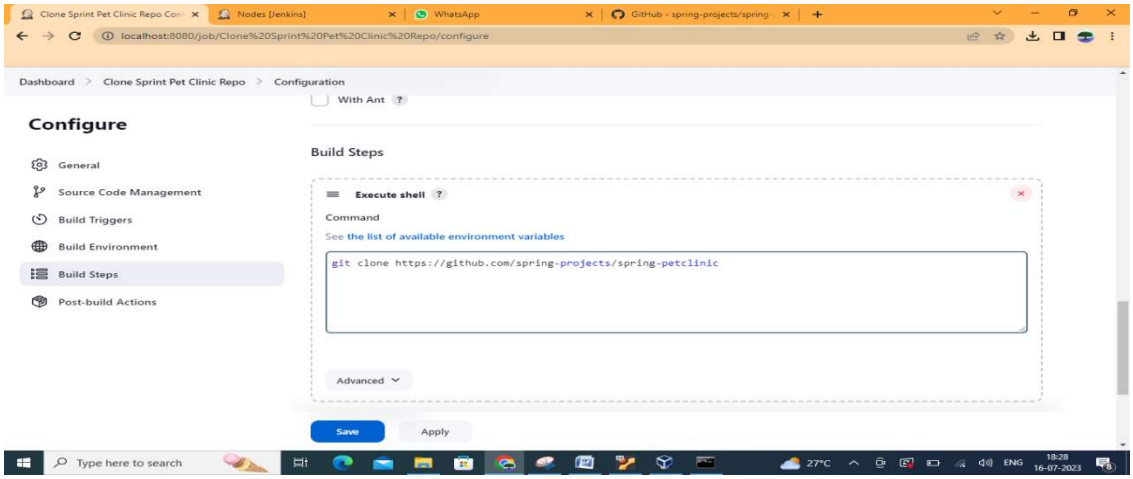
- Under the "General" section, check the option "GitHub project" and enter the URL of the Sprint Pet Clinic repository (https://github.com/spring-projects/spring-petclinic).



- Specify where the project should run: master or slave node (.e.g., knode1)



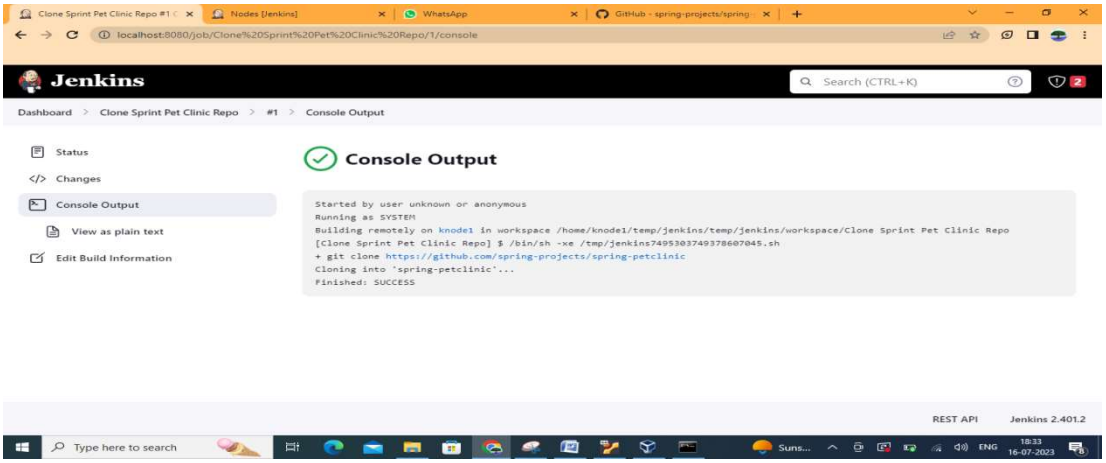
- In build steps menu select execute shell (linux vm) paste the petclinic link .



4. Save the Jenkins job configuration.

5. Build the Jenkins job:

- On the Jenkins dashboard, click on your newly created job.
- Click on "Build Now" to trigger the first build.



Jenkins will now automatically clone the Sprint Pet Clinic repository into its workspace every time the job is built.

Remember that this setup assumes that you have the necessary permissions to access the Sprint Pet Clinic repository. If the repository is private, you'll need to configure Jenkins with appropriate credentials to access it. Also, ensure that Jenkins is properly configured and can access the internet if it needs to reach the repository's remote URL.

That's it! You've now manually cloned the Sprint Pet Clinic repository.