**ASSIGNMENT 1**

Installation of Nginx.

**Task Description:**

This task involves creating a Jenkins Freestyle job that automates the installation of Nginx onan Ubuntu server using the command sudo apt-get install -y nginx. This automation ensures consistent server setup and can be easily repeated, making it ideal for automated environments.

Steps:

1. Update Package List:

\* Run the following command to update the package list:

\* sudo apt update

2. Install Nginx:

\* Install Nginx using the following command:

\* sudo apt-get install -y nginx

3. Verify Installation:

\* Check if Nginx is running with the command:

\* systemctl status nginx

4. Create Jenkins Freestyle Job:

\* In Jenkins, click New Item and create a Freestyle project (e.g., Install\_Nginx).

5. Configure Job:

\* Add a build step of type Execute shell.

\* In the Windows command box

Echo “Hello Jenkins”

6. Save and Run Job:

\* Save the job and click Build Now to run it.

7. Check Console Output:

\* After the job completes, view the Console Output to confirm the successful

installation of Nginx.





