**DEVOPS**

**ASSIGNMENT 1**

**Installation of Nginx.**

**Task Description**:  
This task involves creating a Jenkins Freestyle job that automates the installation of Nginx on an 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 shell command box, enter:
   * sudo apt update
   * sudo apt-get install -y nginx
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.

**OUTPUT:**



