Jenkin Task

Launch jenkins and explore creating projects and users.

Update the system sudo apt update && sudo apt upgrade -y

Install Java (Jenkins requires Java) sudo apt install openjdk-11-jdk -y Add the Jenkins repository and install Jenkins wget -q -O - https://pkg.jenkins.io/debian-stable/jenkins.io.key | sudo tee /usr/share/keyrings/jenkins-keyring.asc > /dev/null

echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian-stable binary/" | sudo tee /etc/apt/sources.list.d/jenkins.list > /dev/null sudo apt update sudo apt install jenkins -y Start and enable Jenkins sudo systemctl start jenkins sudo systemctl enable jenkins

Access Jenkins Web Interface Get the initial admin password sudo cat /var/lib/jenkins/secrets/initialAdminPassword Open Jenkins in your browser <http://your-server-ip:8080> Enter the admin password and complete the setup.

Create a User in Jenkins Click **"Manage Jenkins"** > **"Manage Users"**. Click **"Create User"** Enter details: salman1210: newuser Password: \*\*\*\*\*\*\* Full Name: salmankhan B Email: [salmankhan1210b@gmail.com](mailto:salmankhan1210b@gmail.com)

## ****Create a New Project (Freestyle Job)****

Go to **Dashboard** > **New Item**.Enter a project name and select **Freestyle project**.Click **OK**.In the project settings, configure:Source Code Management (Git, SVN, etc.)Build Triggers (Poll SCM, webhook, etc.)Build Steps (Shell script, Gradle, etc.)Click **Save**.















