**Jenkin Task-1**

Task - Launch jenkins and explore creating projects and users.

**Step 1. Install Java & Jenkins**

sudo apt-get update

sudo apt-get install openjdk-21jre

After installed Java, check the version of the same.

Java –version

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Install Jenkins

sudo wget -O /etc/apt/keyrings/jenkins-keyring.asc \

https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key

echo "deb [signed-by=/etc/apt/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

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After the successful installation of Jenkin

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**Step 2. Access Jenkins Web Interfac**e

Open your browser and go to:  
<http://localhost:8080>

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Click install suggested plugins

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After Installation, set the username and Password for the admin role

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**Step 3. Creating and Managing User**

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**Step 4. Create a New Freestyle Project**

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**Step 5. Configure the Project**

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Build → Click Add build step → Select Execute shell

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Post-build Actions → Click Add post-build action → Select Archive the artifacts.

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**Step 6. Save and Build:**

build number will appear under Build History after click the Build Now.

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**Step 7: Check Console Output**

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**Step 8: View Artifacts**

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