**Lesson 3 Demo 2**

**Installation of Jenkins on CentOS**



Steps to be followed:

1. Install Java JDK 8 or 11 on CentOS VM.
2. In order to download packages from Jenkins’s repo, first add the key to your system.
3. Then add jenkins repository details as Yum repositories.
4. Install Jenkins.

**Step 1: Install Java JDK 8 or 11 on CentOS VM.**

1. Login to CentOS VM with root id and run below commands to install JDK 8 or 11:  
     
   ***yum update***

***yum install java-11-openjdk-devel***

**Step 2: In order to download packages from Jenkins’s repo, first add the key to your system.**

1. Run the following command to add jenkins repo key in your system:

***sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key***

**Step 3: Then add jenkins repository details as Yum repositories**

1. Then Add Jenkins repo with YUM package manager:

**sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo**

**Step 4: Install Jenkins and proceeding with configuring Jenkins.**

1. Run the following command to start installation for Jenkins:

***yum update***

***yum install jenkins***

1. Run the following command to verify in case Jenkins is up and running or not:

***service jenkins status***

***service jenkins restart (in case service is down you can start it up again)***