https://github.com/subinabraham/Simple-DevOps-Project/blob/master/Tomcat/tomcat_installation.MD

step 1

install jdk

   wget   --no-check-certificate   --no-cookies   --header   "Cookie: oraclelicense=accept-securebackup-cookie"   http://download.oracle.com/otn-pub/java/jdk/8u141-b15/336fa29ff2bb4ef291e347e091f7f4a7/jdk-8u141-linux-x64.rpm

   ls

   sudo yum install -y jdk-8u141-linux-x64.rpm

   java --version

step 2

install tomcat

   1 yum update

   2 yum install tomcat

   3 systemctl start tomcat

   4 systemctl enable tomcat

   5 systemctl restart tomcat

   6 wget https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.84/bin/apache-tomcat-9.0.84.tar.gz

   7 ls

   8 tar -xvf apache-tomcat-9.0.84.tar.gz

   9 ls

   10 mv apache-tomcat-9.0.84 /opt/tomcat

   11 ls

   12 cd /opt/tomcat/

13 ls

14 cd bin

15 ls

16 chmod +x startup.sh

17 ln -s startup.sh /usr/local/bin/tomcatup

18 ln -s shutdown.sh /usr/local/bin/tomcatdown

20 ./catalina.sh

21 ./shutdown.sh

22 ./startup.sh

23 ./version.sh

add sequrity role in ec2 8080 in sg

search ec2 ip in chrome....with port 8080 <ip:8080>

step 3

then

edit below file and comment

1. vim /opt/tomcat/webapps/host-manager/META-INF/context.xml

   <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"

      allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" />-->

2. vim /opt/tomcat/webapps/manager/META-INF/context.xml

   <!--<Valve className="org.apache.catalina.valves.RemoteAddrValve"

   allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" />-->

3 Update users information in the /opt/tomcat/conf/tomcat-users.xml file go to tomcat home directory and Add below users to /opt/tomcat/conf/tomcat-users.xml file.

```
<role rolename="manager-gui"/>

<role rolename="manager-script"/>

<role rolename="manager-jmx"/>

<role rolename="manager-status"/>

<user username="admin" password="admin" roles="manager-gui, manager-script, manager-jmx, manager-status"/>

<user username="deployer" password="deployer" roles="manager-script"/>

<user username="tomcat" password="s3cret" roles="manager-gui"/>

</tomcat-users>
```

step 4

goto vim /etc/ssh/sshd_config and edit line 64 passwordauthentication yes

step5

goto cd /opt/tomcat/bin/

./shutdown.sh

./startup.sh