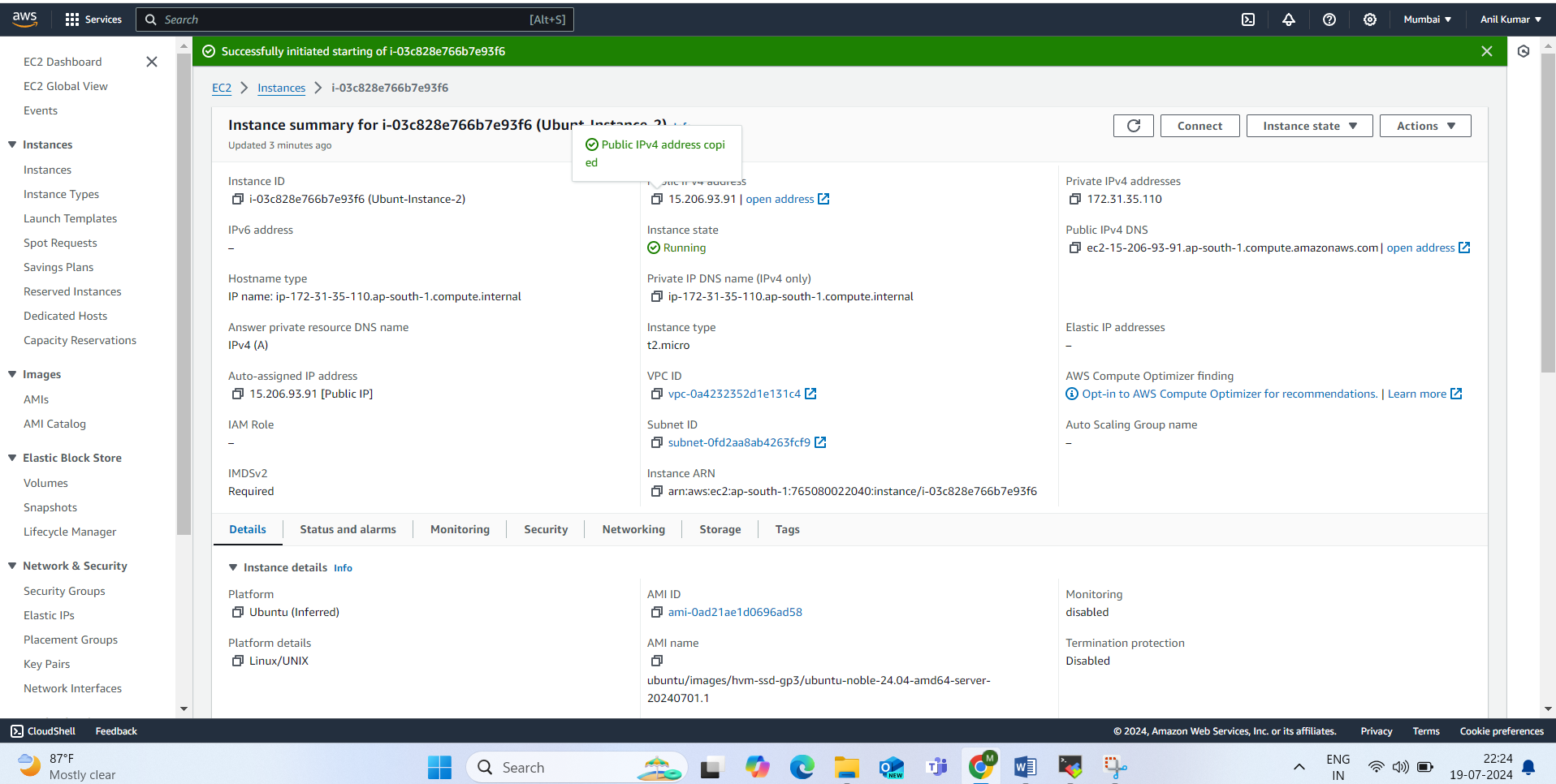
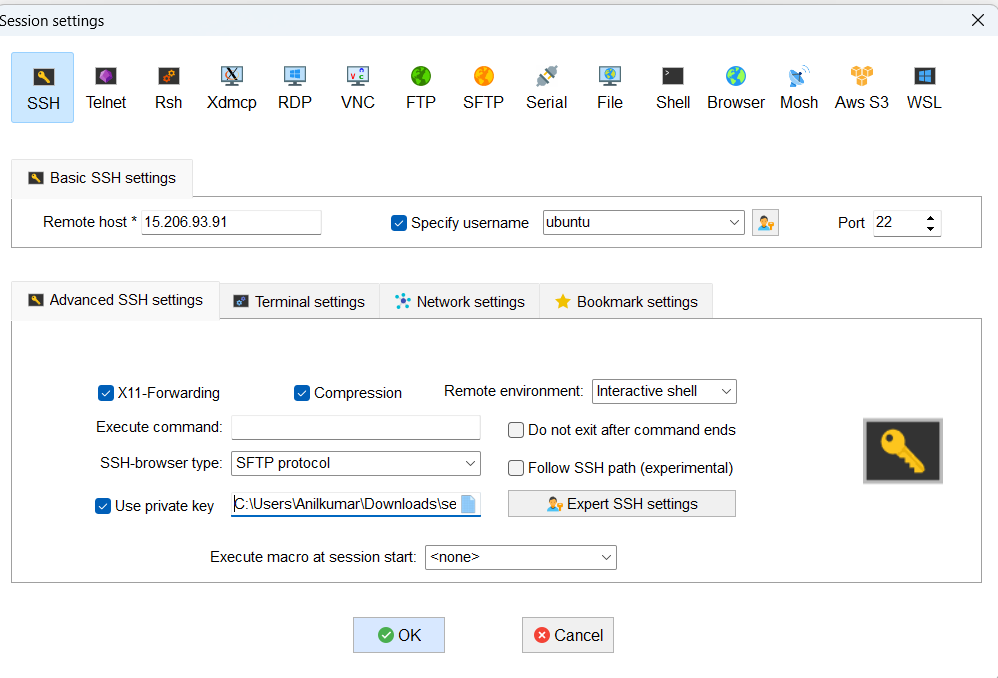
5. L5 - Install Tomcat web application server in AWS EC2 Ubuntu Instance and access Tomcat using a web browser.

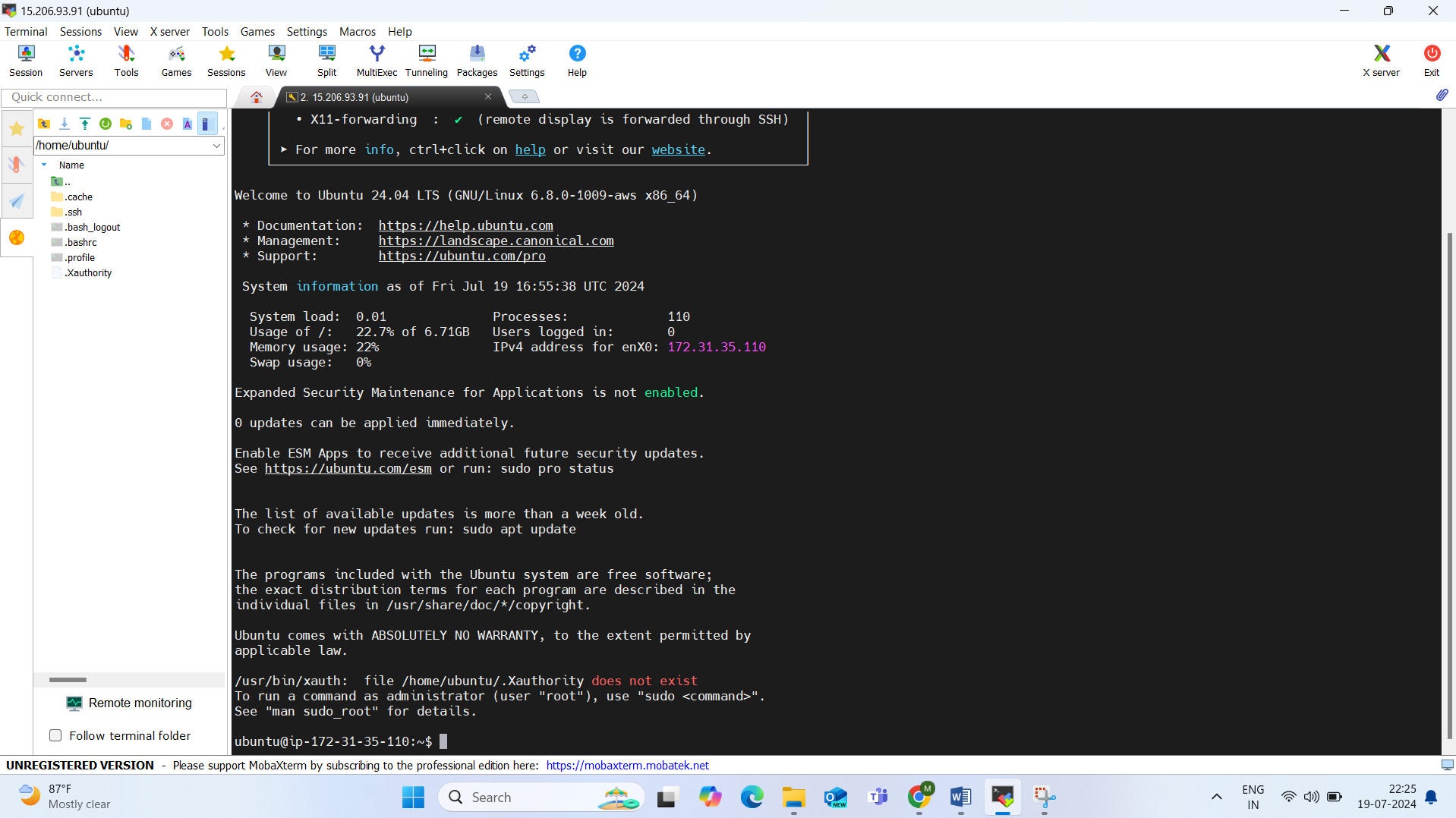
Ans:-

First of all login your credential and aws console.

Steps1:- Create EC2 Ubuntu Instance





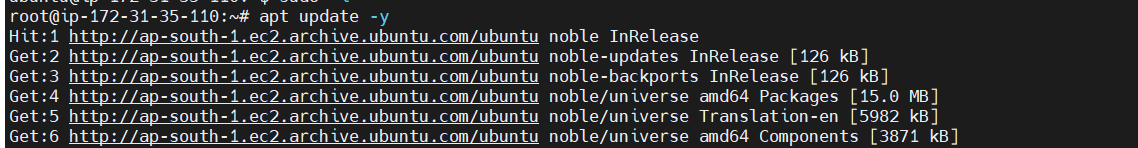


Step 2: update and install tomcat in Ubuntu

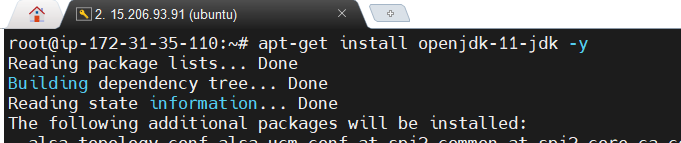
Make system as root user by command “**sudo -i**”

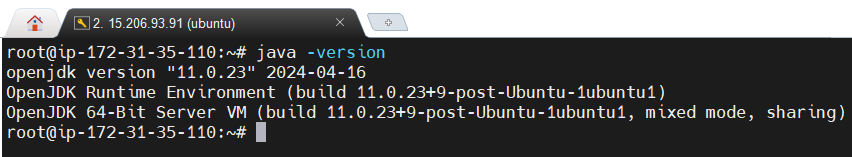


Update the system server by command “apt update -y”



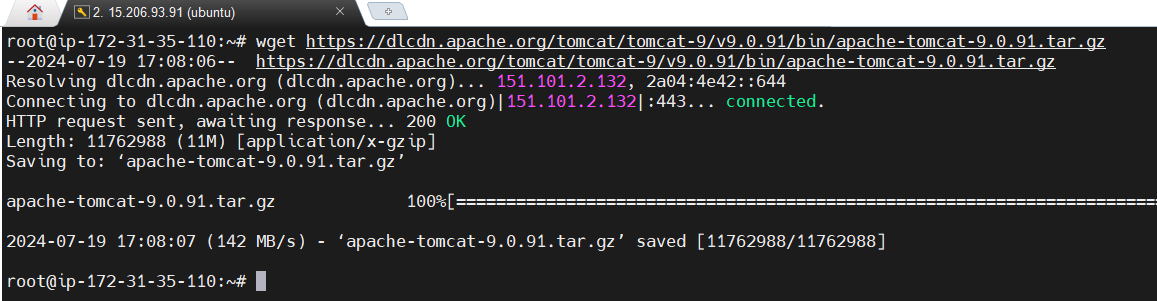
Installing the java command “apt update -y”



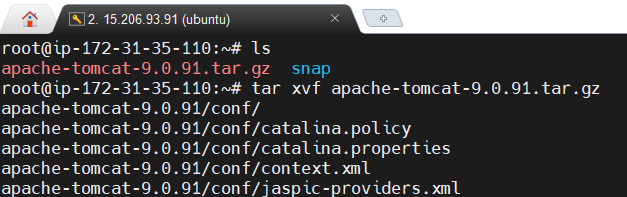


Download the tomcat from official website by wget command

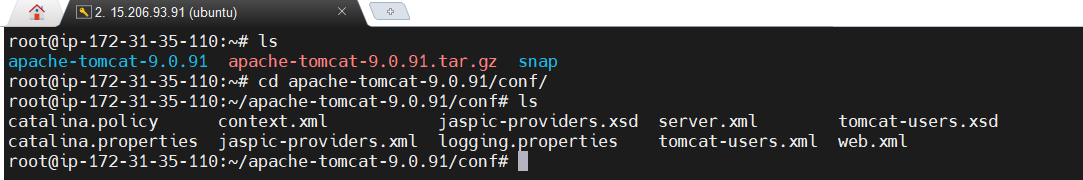
wget <https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.91/bin/apache-tomcat-9.0.91.tar.gz>



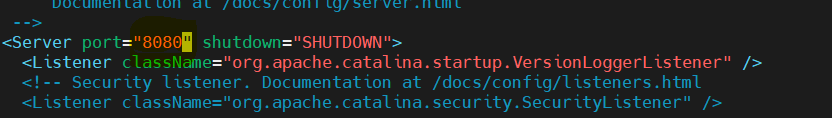
Now extract the tar file by command “tar xvf apache-tomcat-9.0.91.tar.gz”



Now go to “cd apache-tomcat-9.0.91/conf/” and edit the server.xml file and edit port no. as you want to run tomcat in 8080 port no. and save.



Vi server.xml



Now here in this directory of “conf” edit the “tomcat-users.xml” to give admin rights. And save.

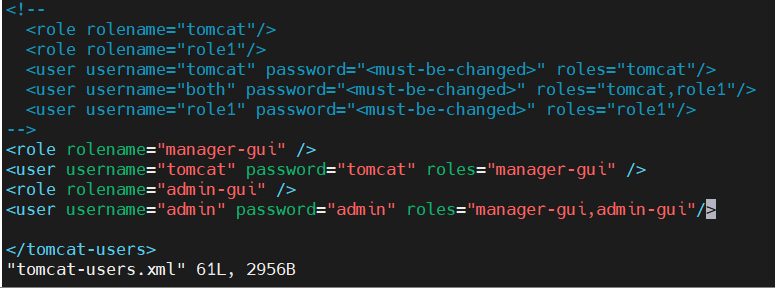


<role rolename="manager-gui" />

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

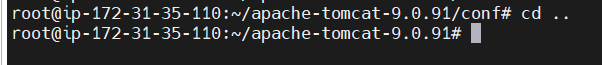
<role rolename="admin-gui" />

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

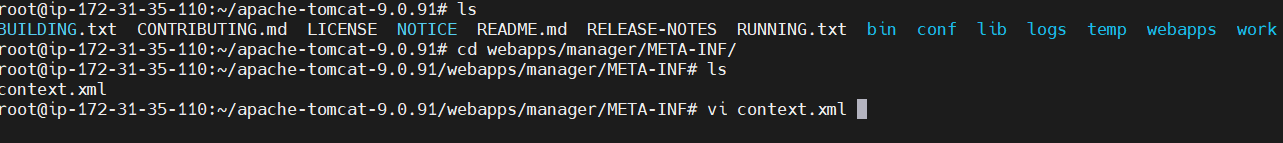


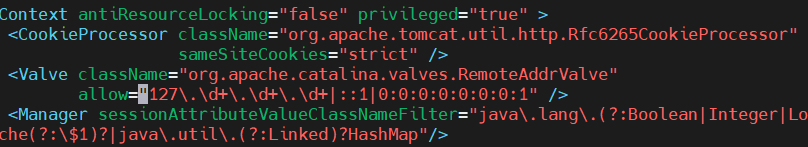
Now go to previous directory

Cd ..



No go to cd webapps/manager/META-INF/ and edit contex.xml file to add permission

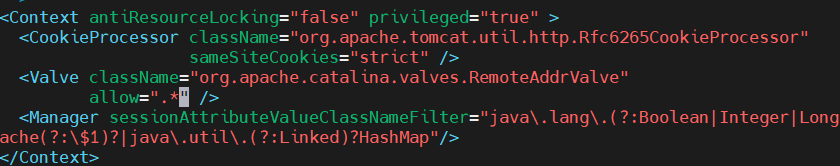




To

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

allow=".\*" />



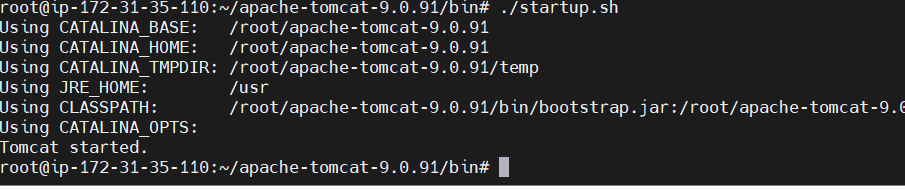
Now again go to bin directory to start stop and start the tomcat

cd ../../..

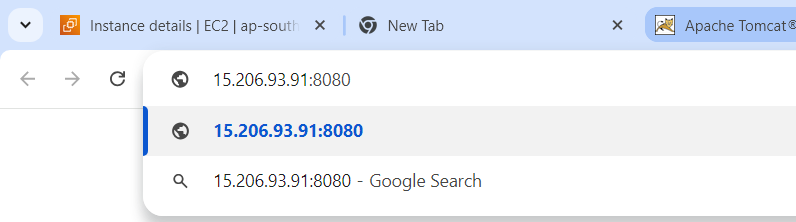
cd bin/

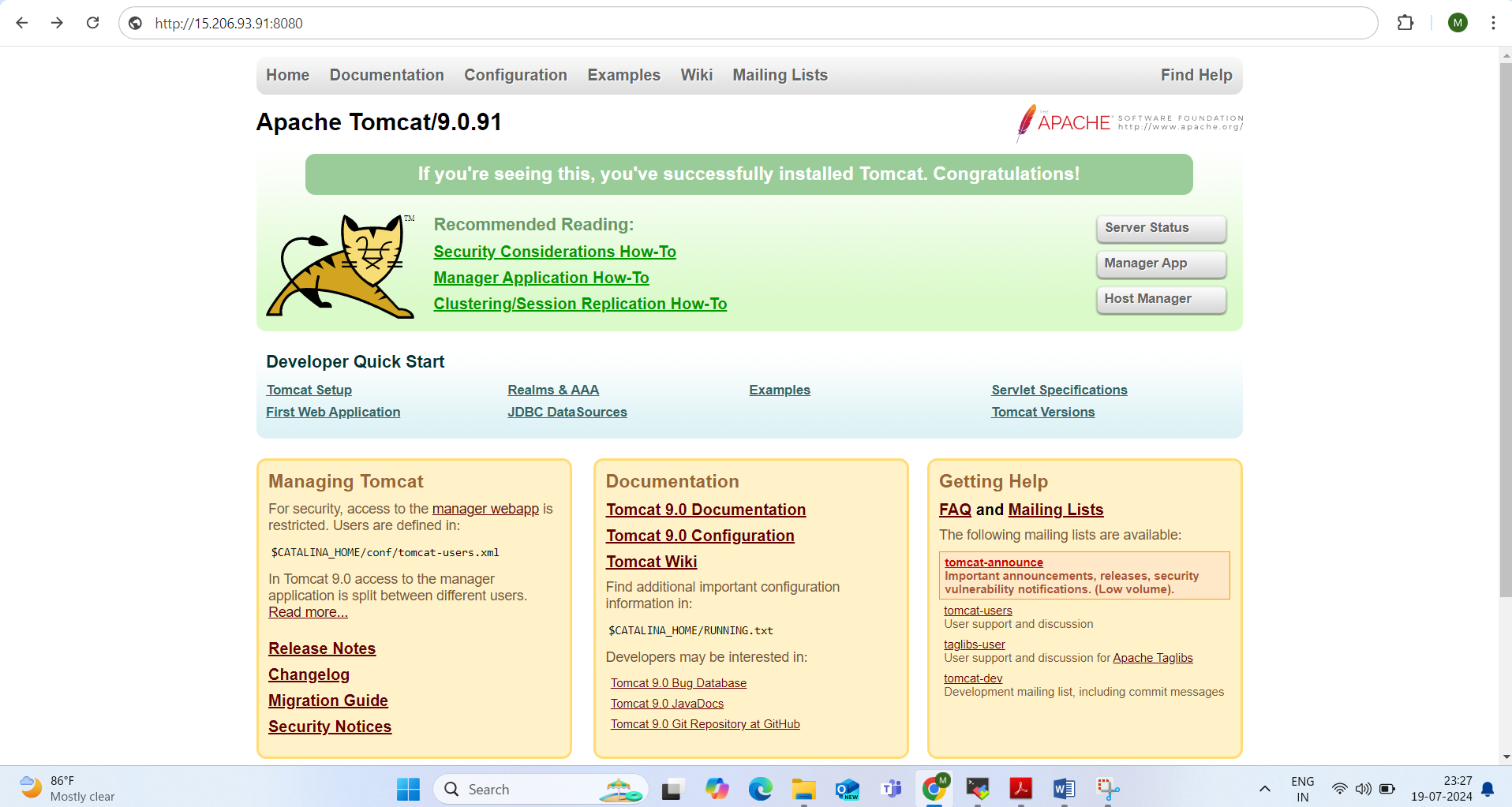
./shutdown.sh

./startup.sh

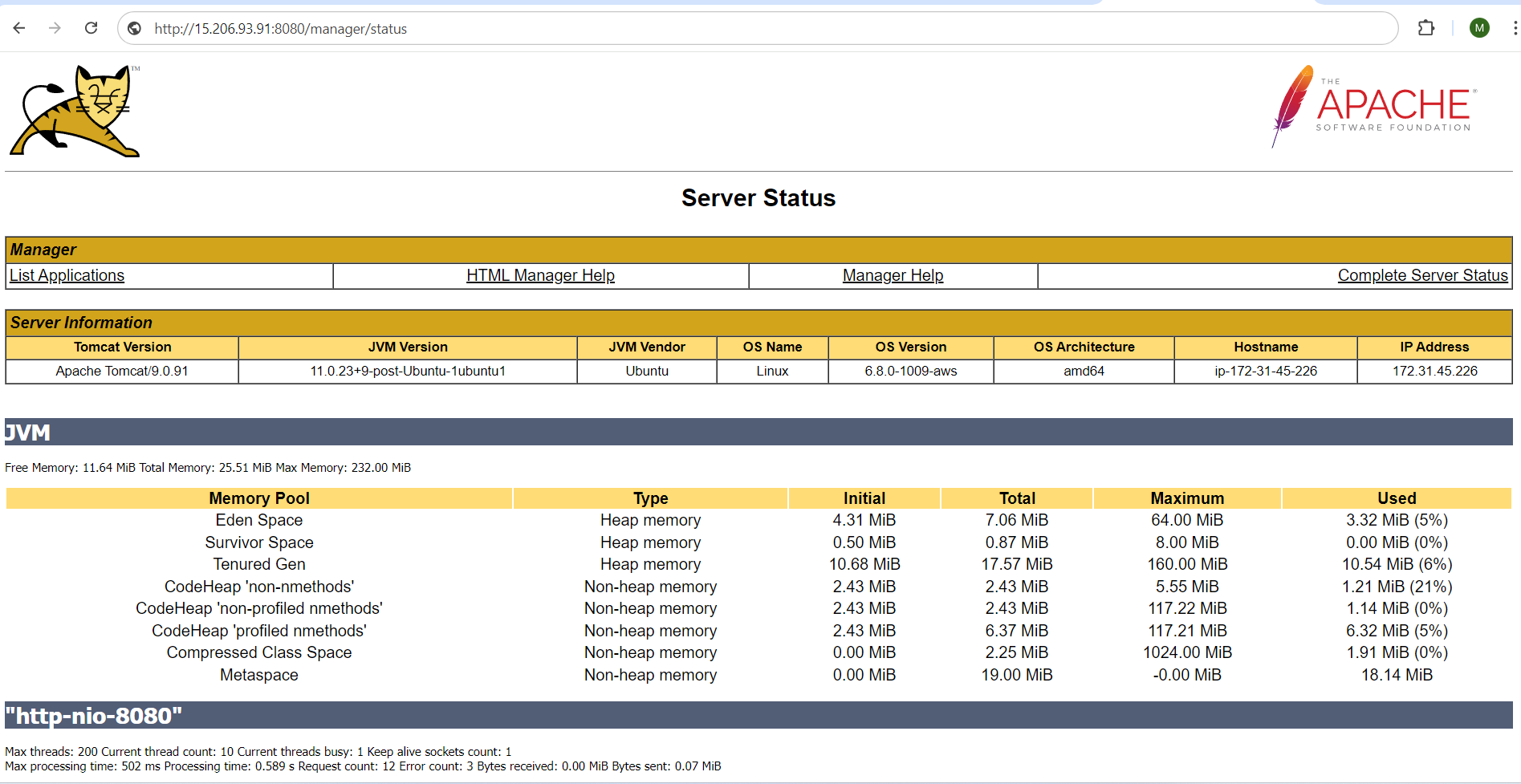


Now copy the public ip of instance:8080 in chrom brouser

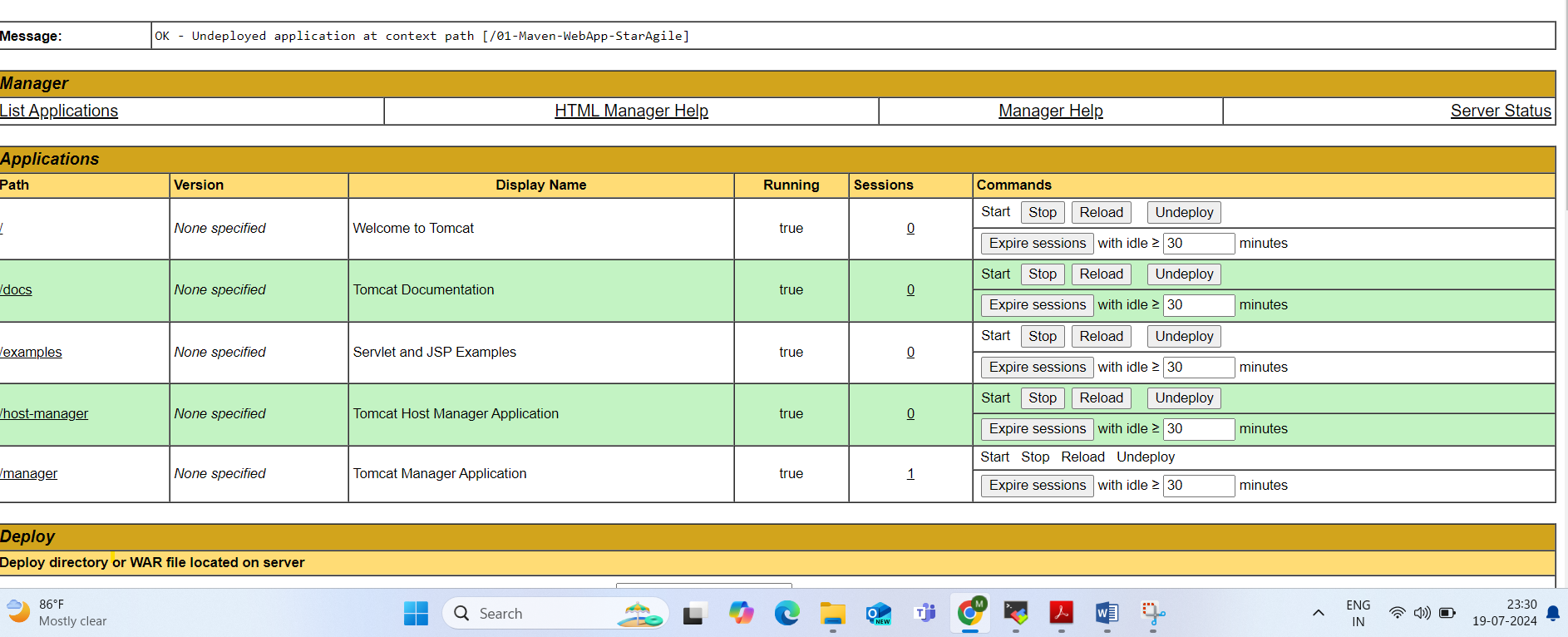




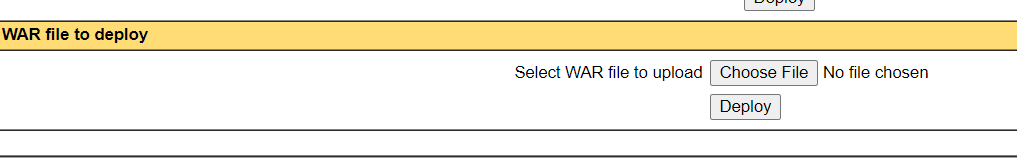
Go to server status ad type credential

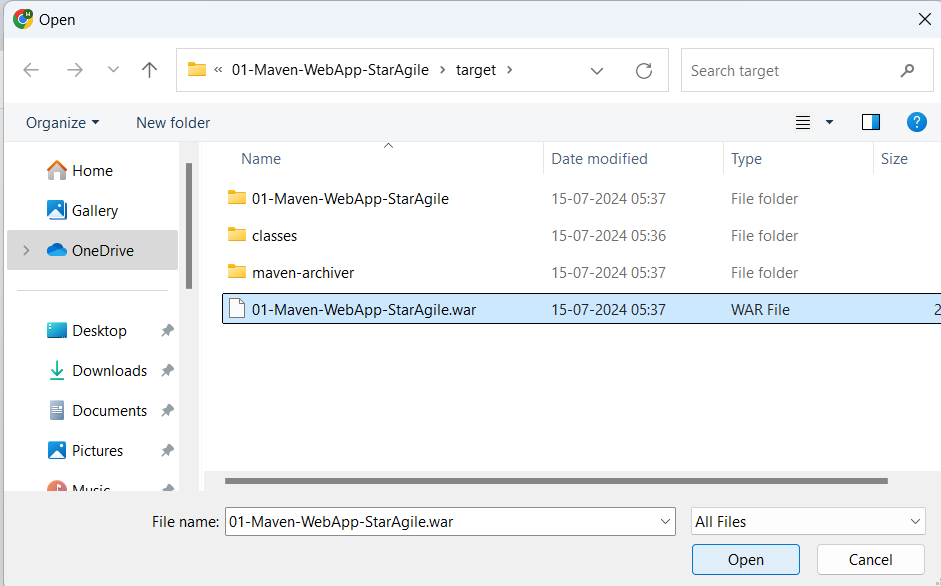


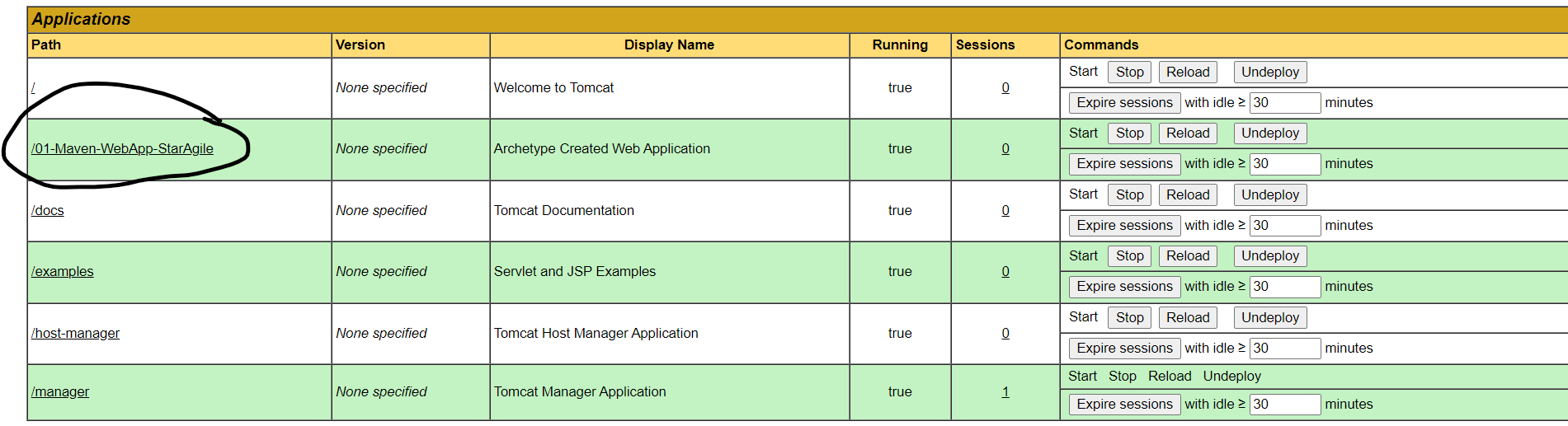
Go to list of application



No go to war file to deploy 🡪 choose file and deploy







Finally you can get desired output

