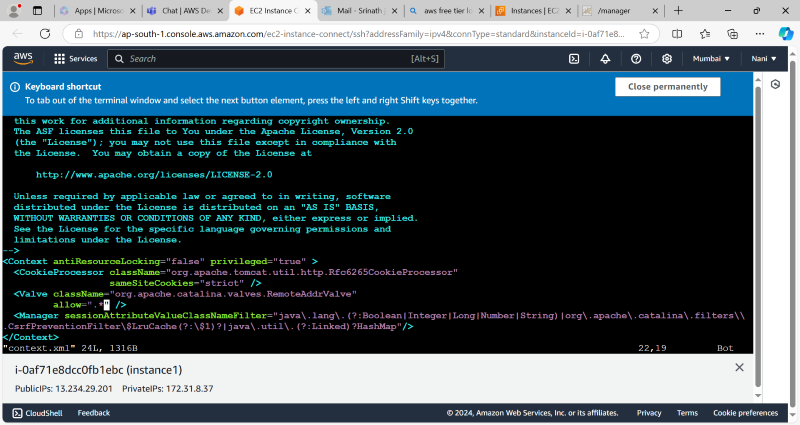
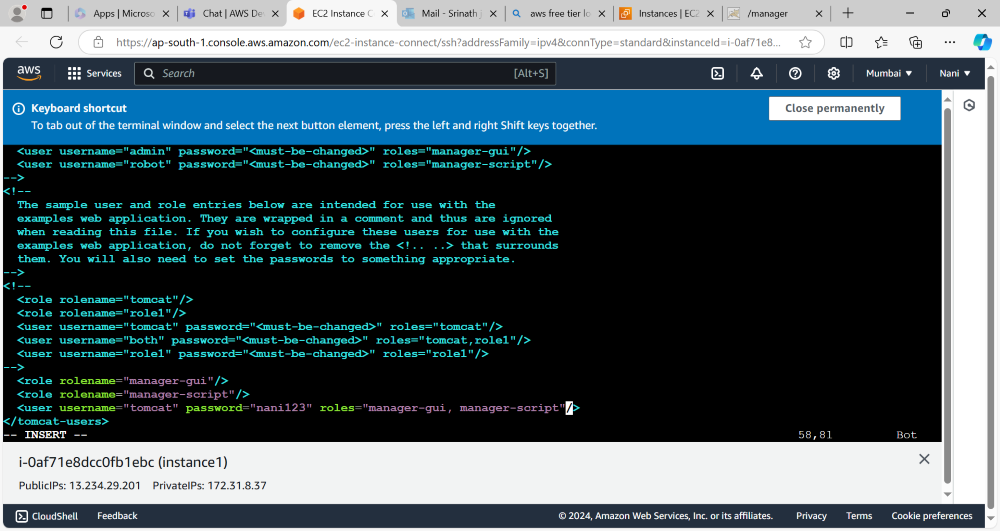
**Deploy an application on Tomcat Manually(without automation):**

* We need to create EC2 instance on AWS.
* Connect to the ec2 instance and install git if it is not available.
* Clone the repo by using **git clone** [**https://github.com/sirishar02/project1.git**](https://github.com/sirishar02/project1.git)command.
* Go to project1 directory enter apt update and install java.
* Install the maven to build the application.
* After install the maven we can get the packages by using **mvn clean package** command.It will create the target directory.
* Exit from project1 directory Install the tomcat from apache.org.com (https://downloads.apache.org/tomcat/tomcat-9/v9.0.95/bin/apache-tomcat-9.0.95.tar.gz)
* After install the tomcat we can unzip or untar by using “**tar -zxvf apache-tomcat-9.0.95.tar.gz”** command.
* Go to **apache-tomcat-9.0.95** this directoryenter  **ll** command**.**
* We need to start the tomcat server for that go to **bin** directory (cd bin) and enter **./startup.sh** command.
* We need to give the authorization to this ec2 server to access the tomcat for that go to webapps > manager > META-INF folders and open the **context.xml** file by using text editor like vi.
* In context.xml file we can give the star(\*) or any server i.p address and save the file.



* Go to conf directory and open the tomcat-users.xml file we have to add the roles ,user name and password below like
* Exit from tomcat directory and go to project1(repo) and go to target enter PWD command.
* Copy the artifact from target directory to directory where tomcat is placed.

By using **cp project1/target/myweb-8.6.2.war apache-tomcat-9.0.95/webapps** command.

* Copy the ec2 instance public i.p and paste it on browser now wecan access the tomcat and access the application which we have deployed on tomcat.

