**How to Install Apache Tomcat Server on Ubuntu 22.04**

### **Step 1: Update system repositories**

$ sudo apt update

### **Step 2: Installation of Java**

$ sudo apt install openjdk-11-jdk

$ java -version

### **Step 3: Check the availability of Apache Tomcat package**

$ sudo apt-cache search tomcat

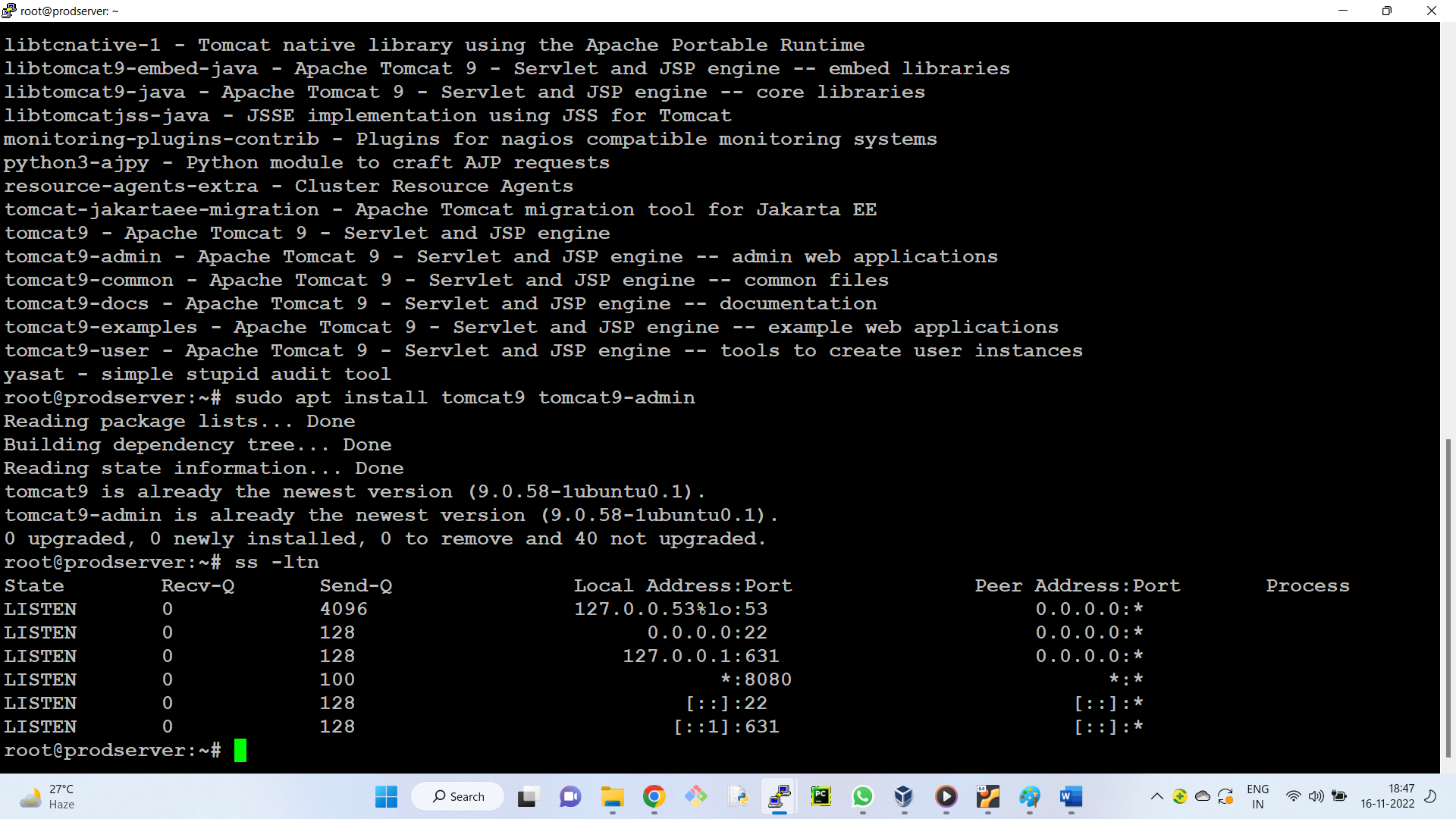
### **Step 4: Install Apache Tomcat Server on Ubuntu 22.04**

$ sudo apt install tomcat9 tomcat9-admin

### **Step 5: Check ports for Apache Tomcat Server**

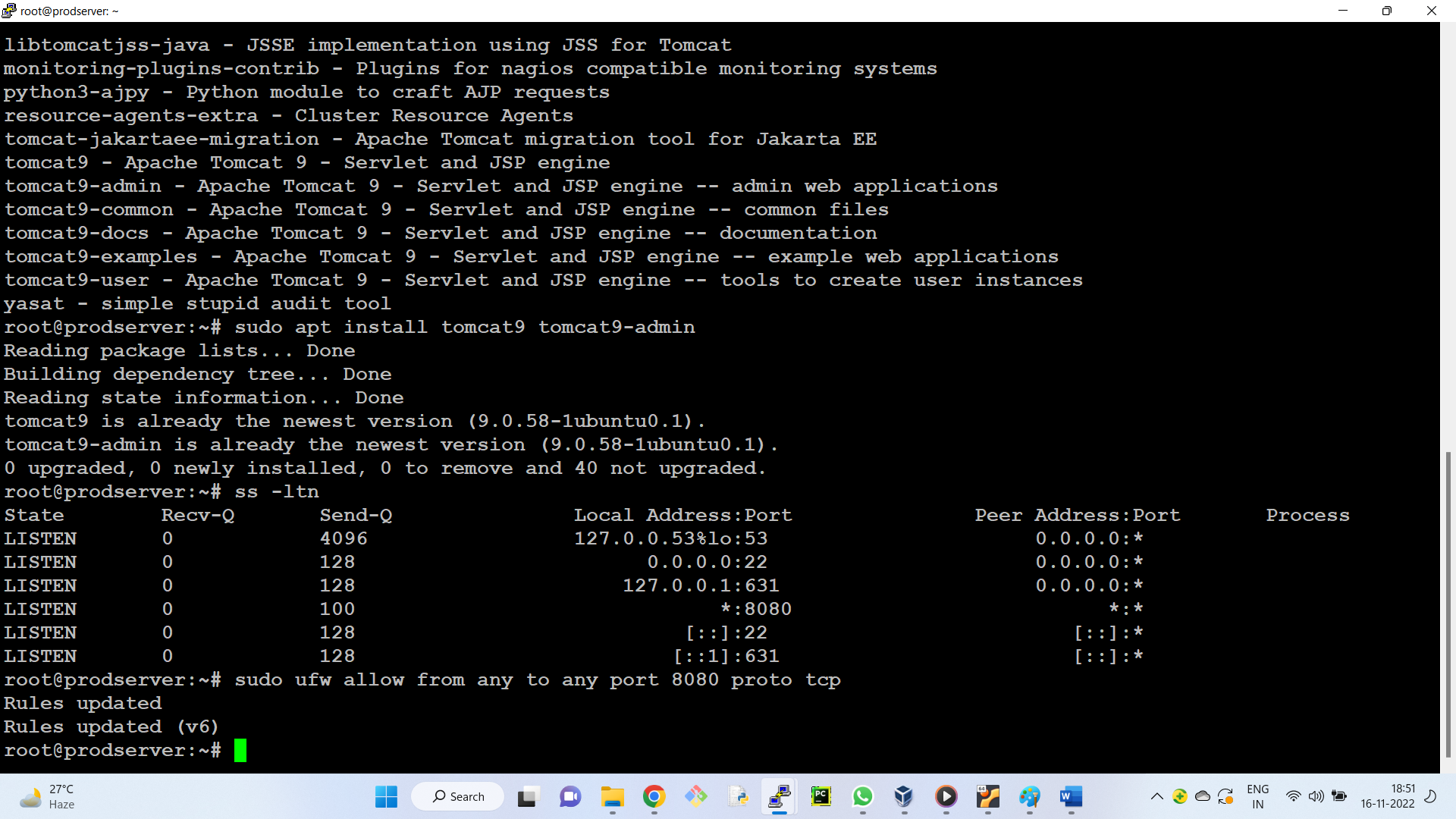
$ ss -ltn

you can utilize the “**ss**” command for displaying the network socket related information:



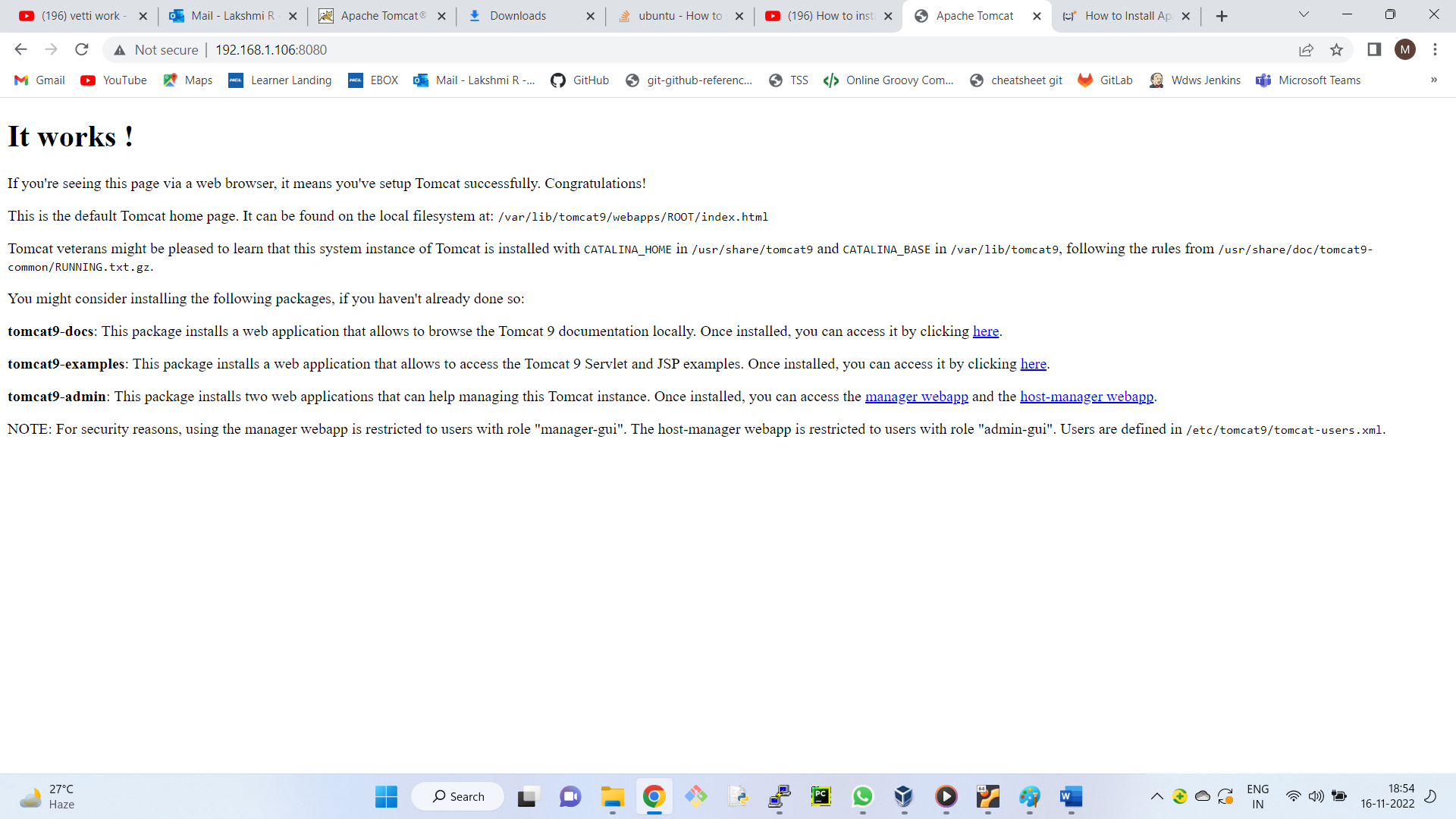
### **Step 6: Open ports for Apache Tomcat Server**

$ sudo ufw allow from any to any port 8080 proto tcp



### **Step 7: Test working of Apache Tomcat Server**

<http://192.168.1.106:8080/>



## **How to use Apache Tomcat Web Application Manager on Ubuntu 22.04**

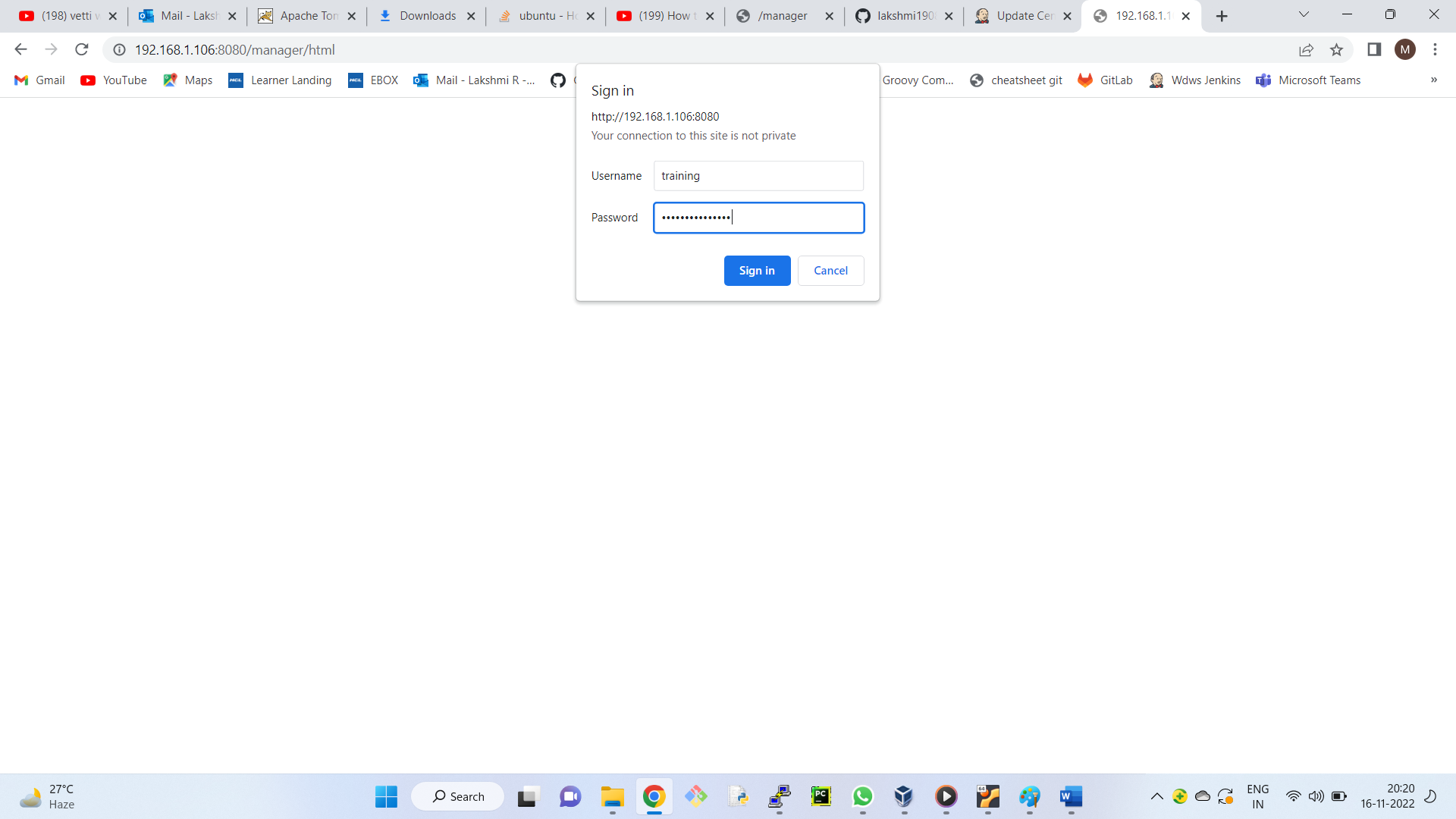
Before using Apache Tomcat Web application manager, it is required to set up a new Tomcat user.

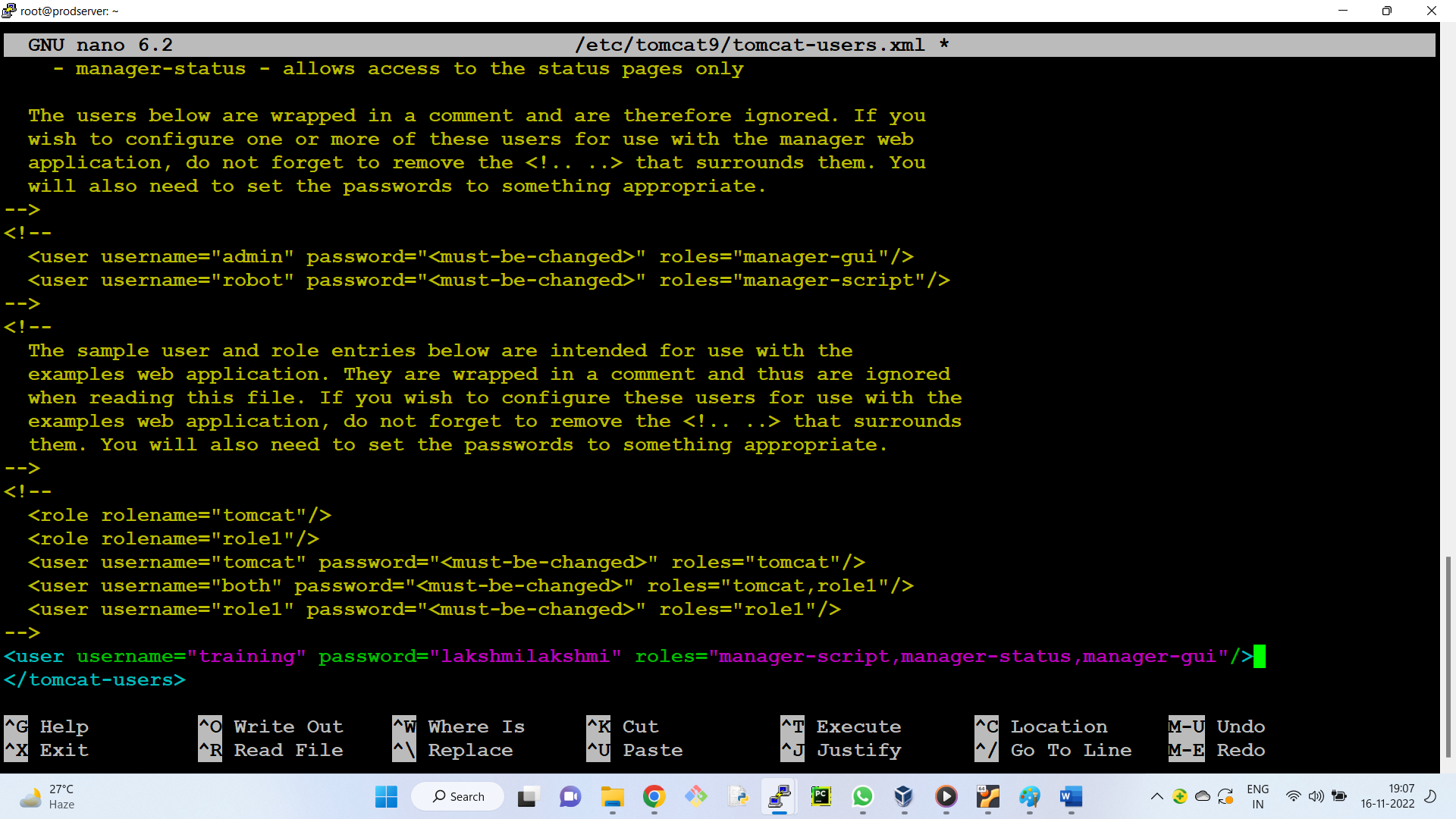
### **Step 1: Creating Tomcat user**

Firstly, open up the “**tomcat-users.xml**” file in the “**nano**” editor:

$ sudo nano /etc/tomcat9/tomcat-users.xml

<user username="training" password="lakshmilakshmi" roles="manager-script,manager-status,manager-gui"/>





### **Step 2: Restart Tomcat Server**

$ systemctl restart tomcat9

