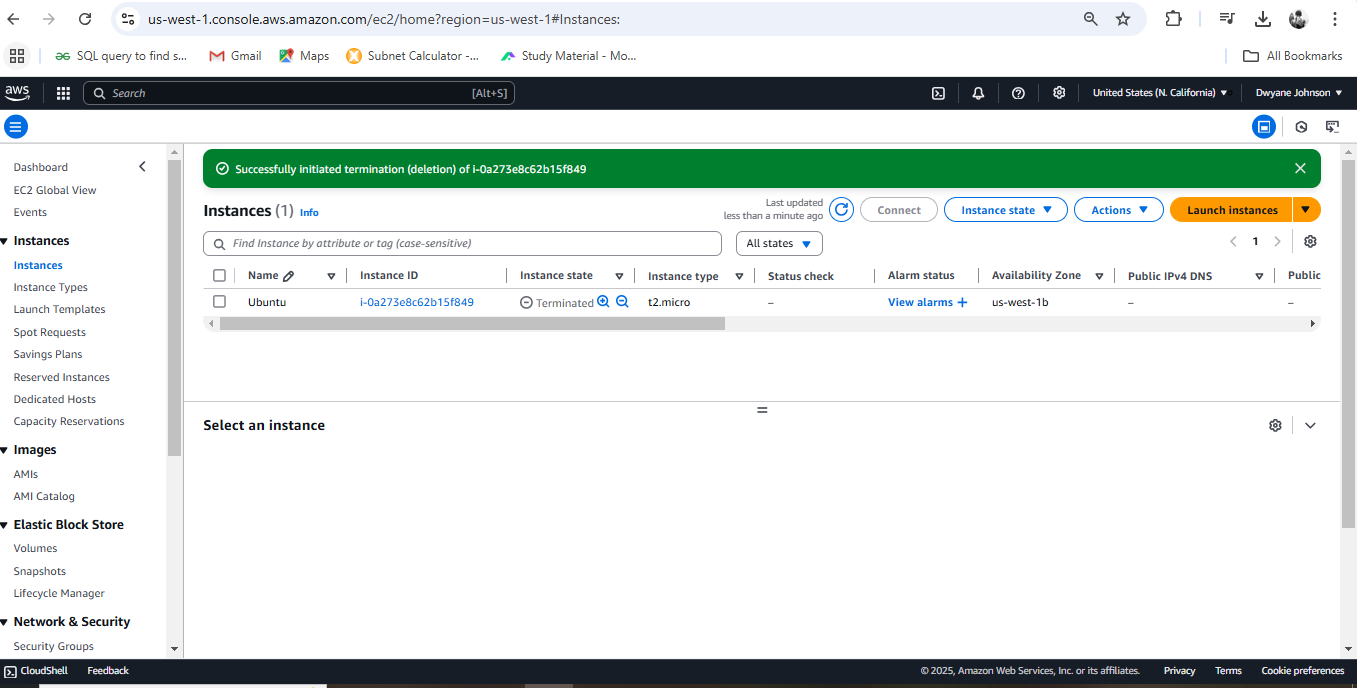
Submitted by: Mohammed Saquib

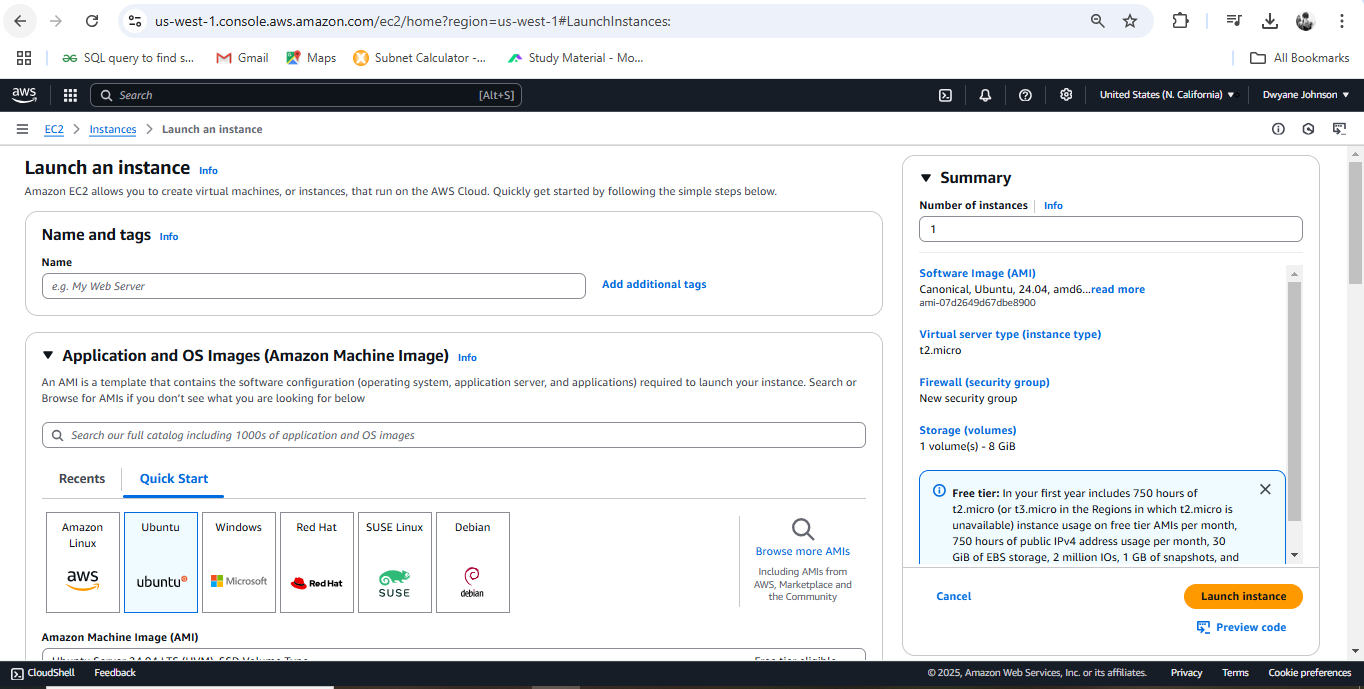
Date: 18/01/2025

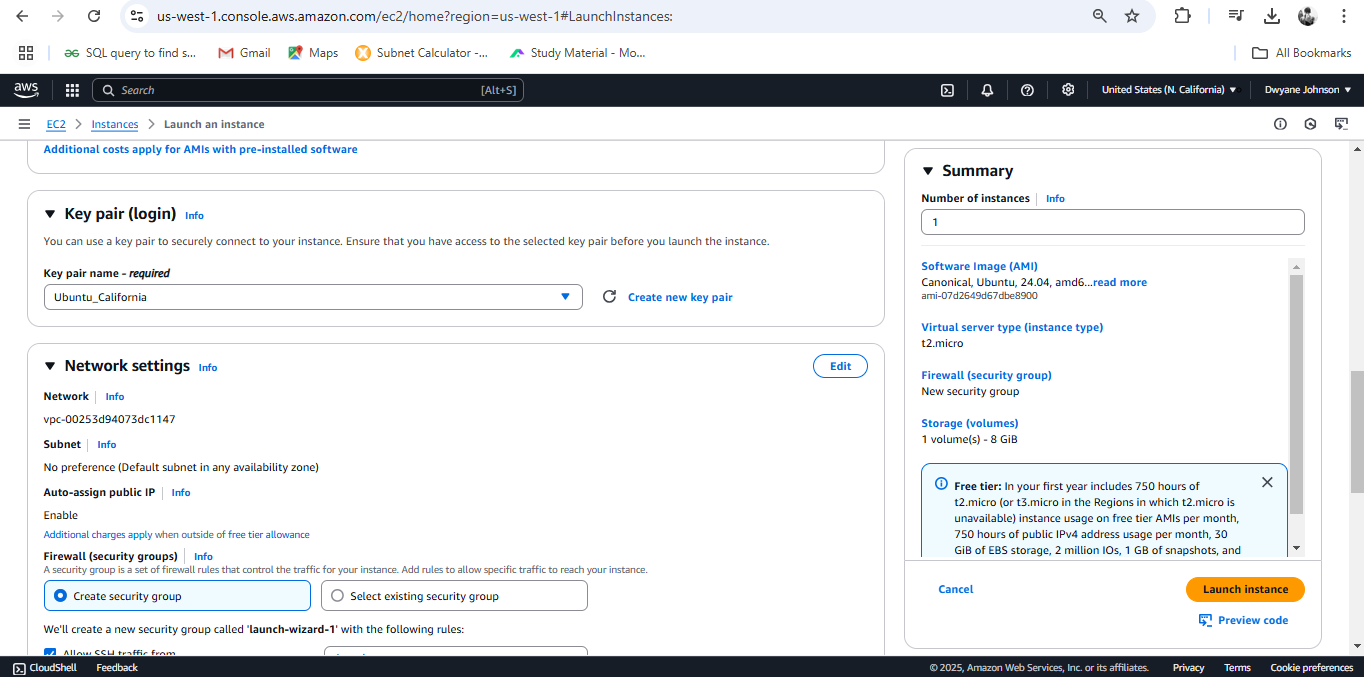
Batch no: DevOps SA2412033

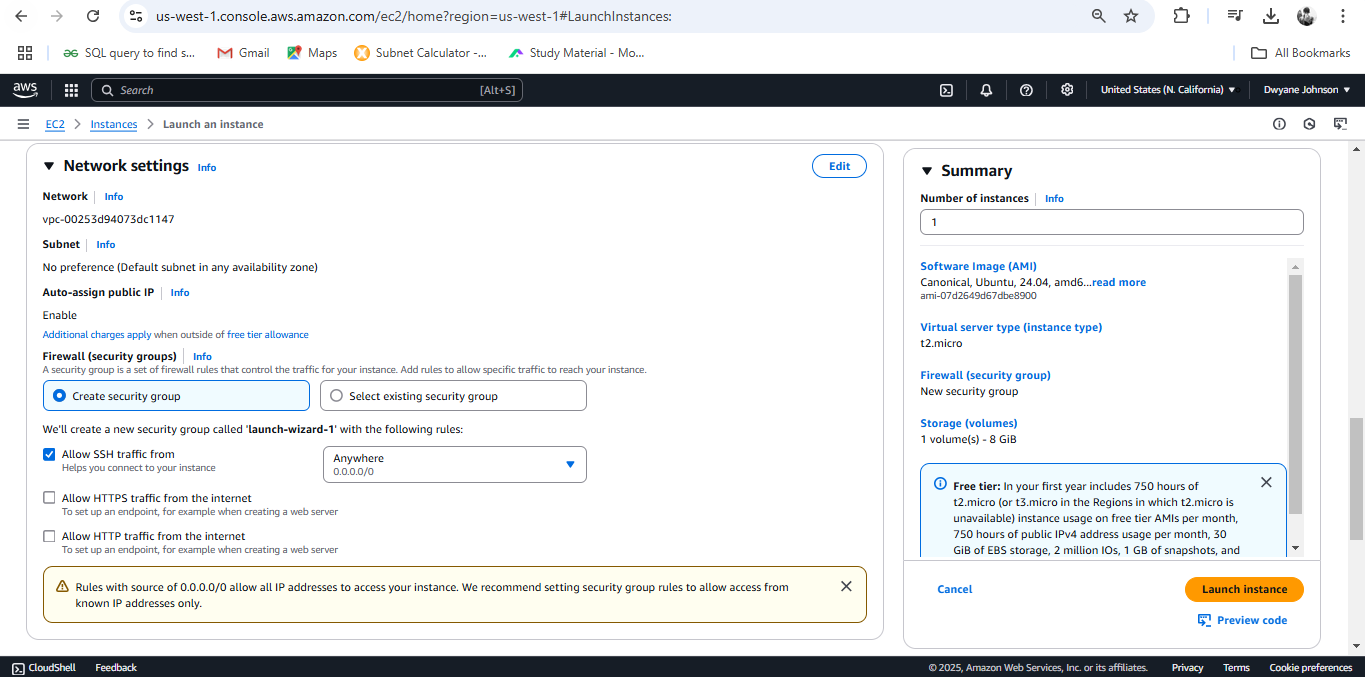
L3 - Launch AWS EC2 Ubuntu Instance and configure the Security Group - Inbound Rule: 8080. Justify the usage of Inbound Rules

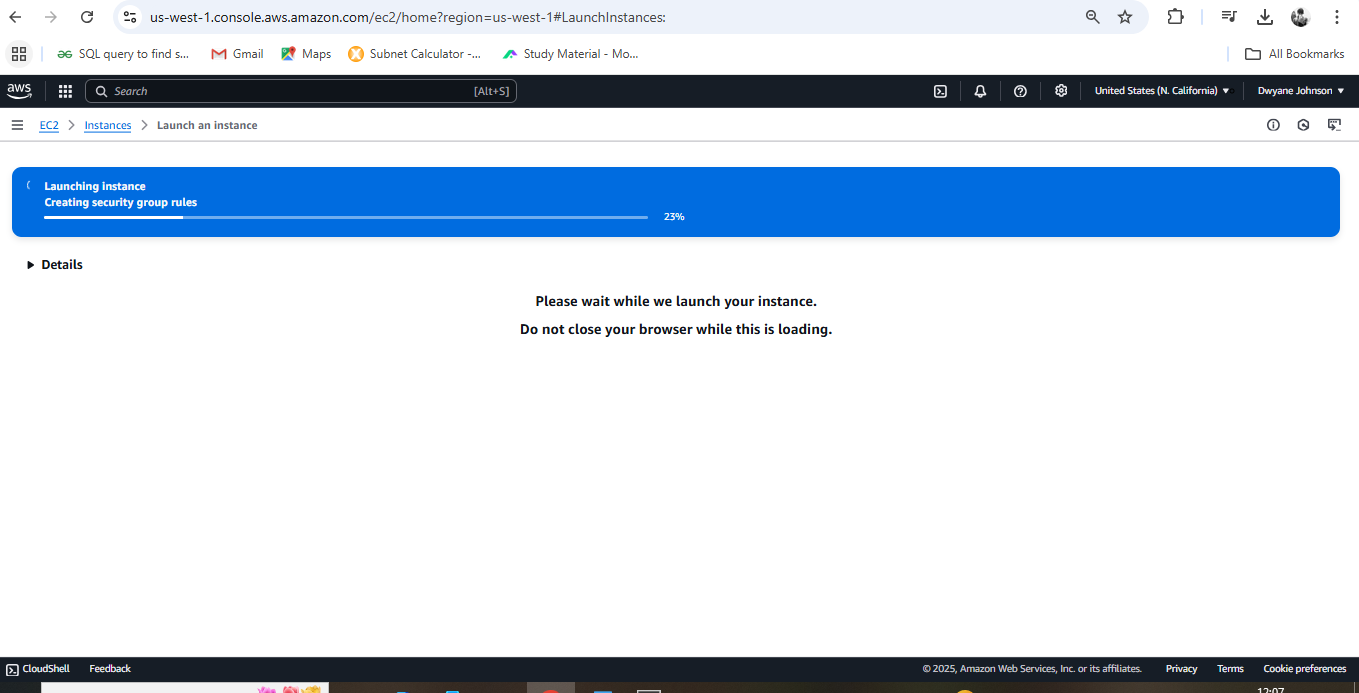
Step1: Creating an Ubuntu Instance

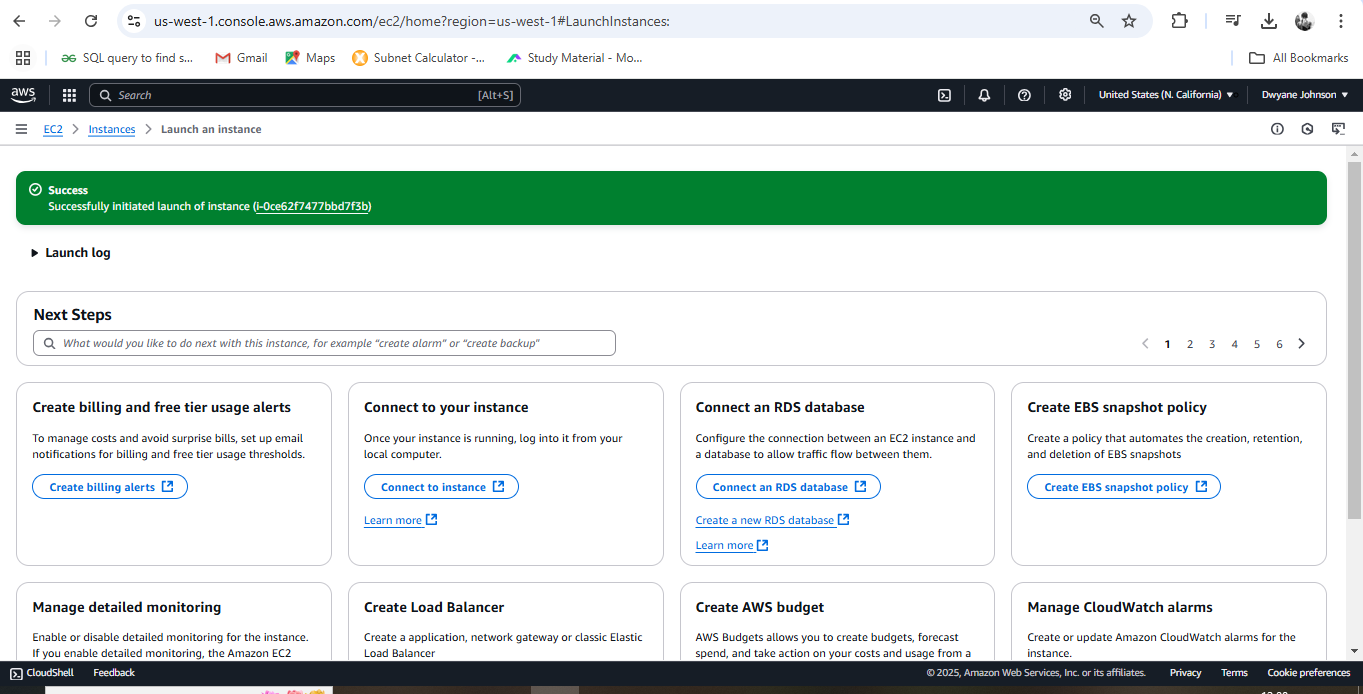


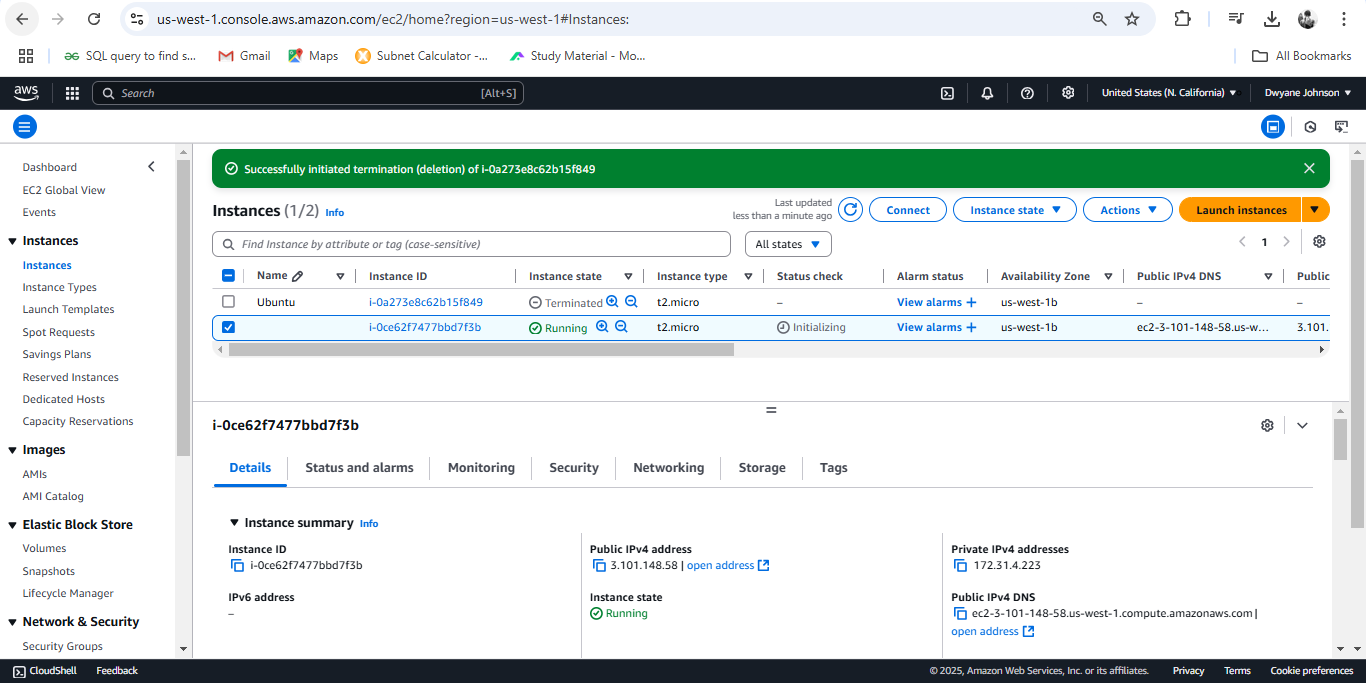




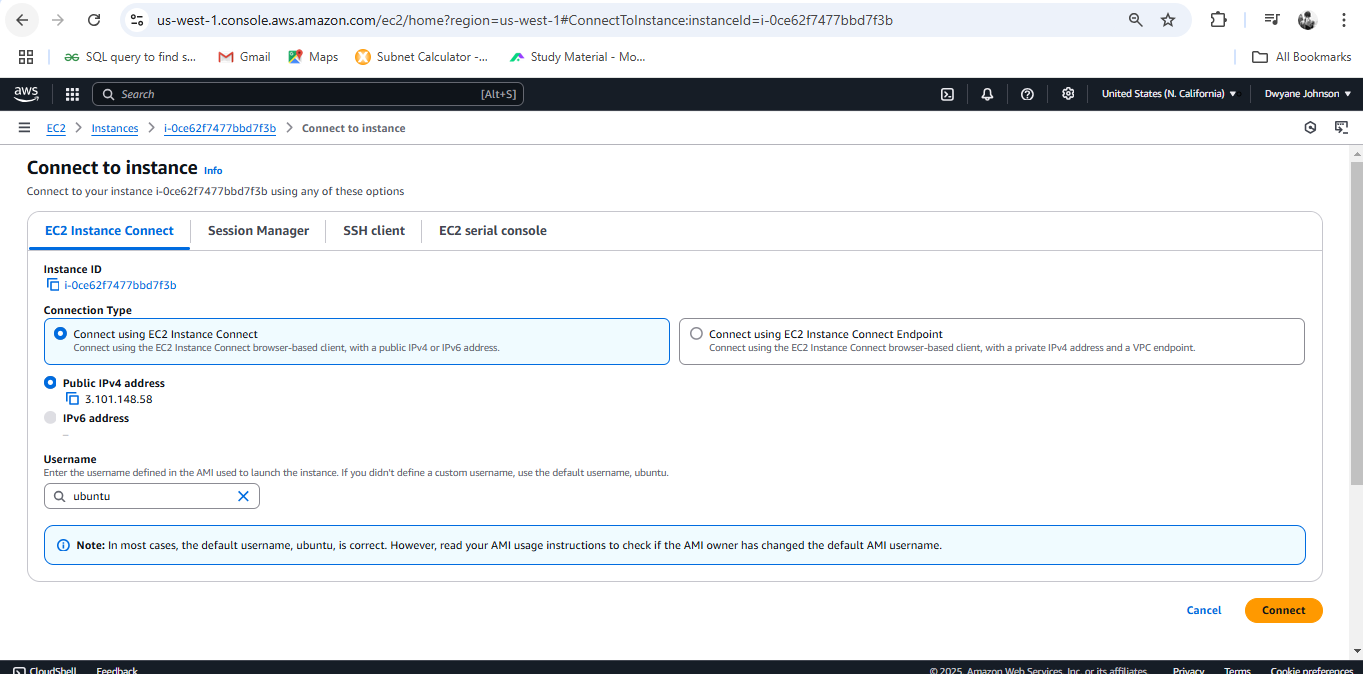


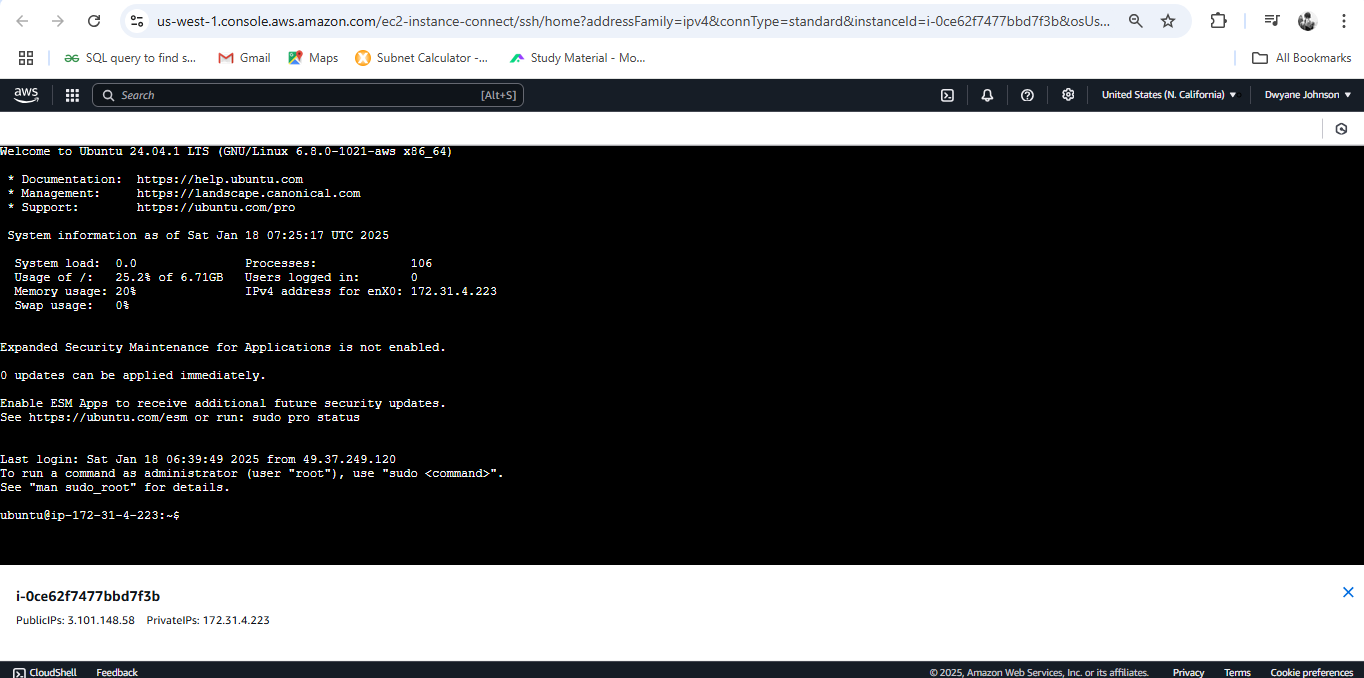




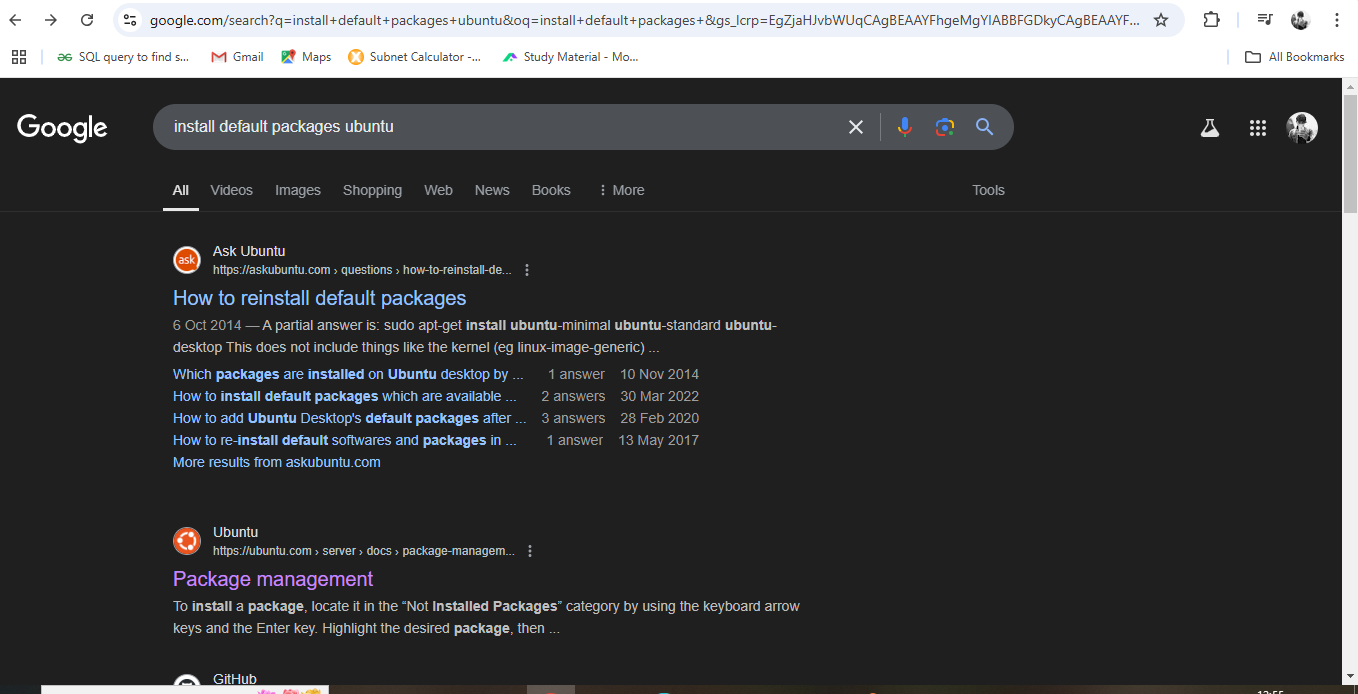


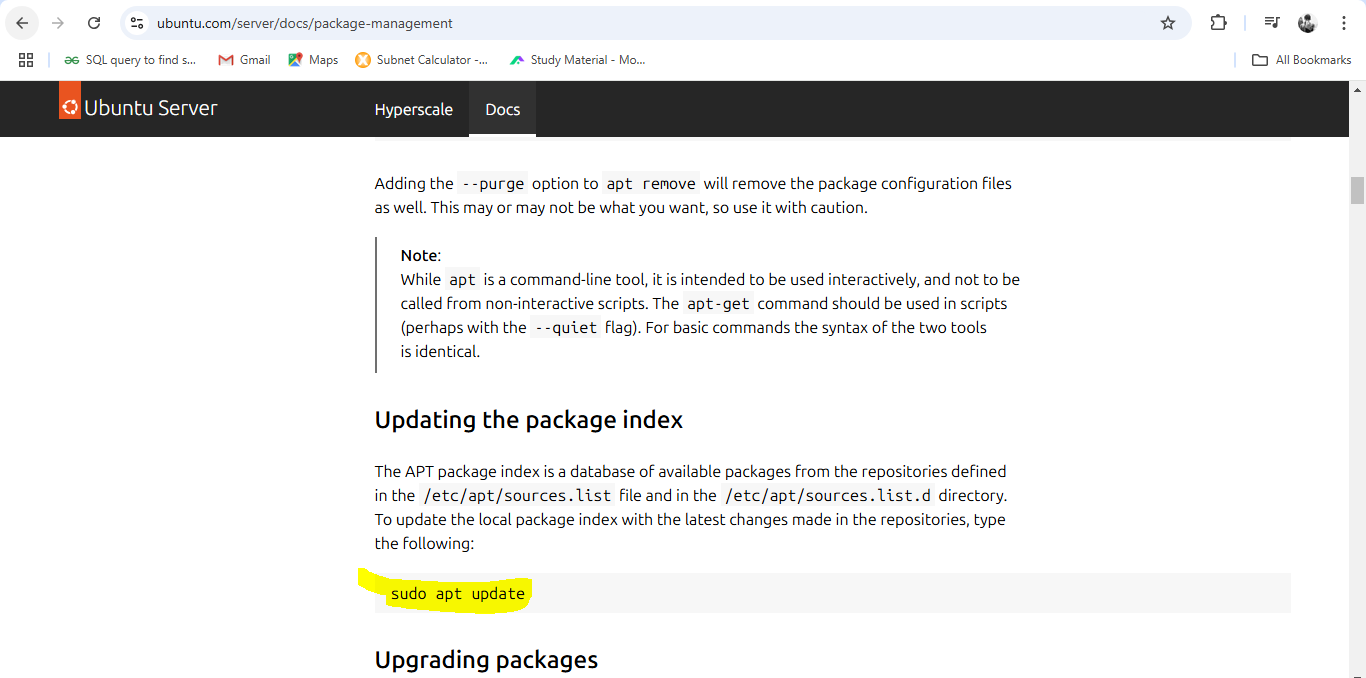
Step2: Connecting Ubuntu Instance

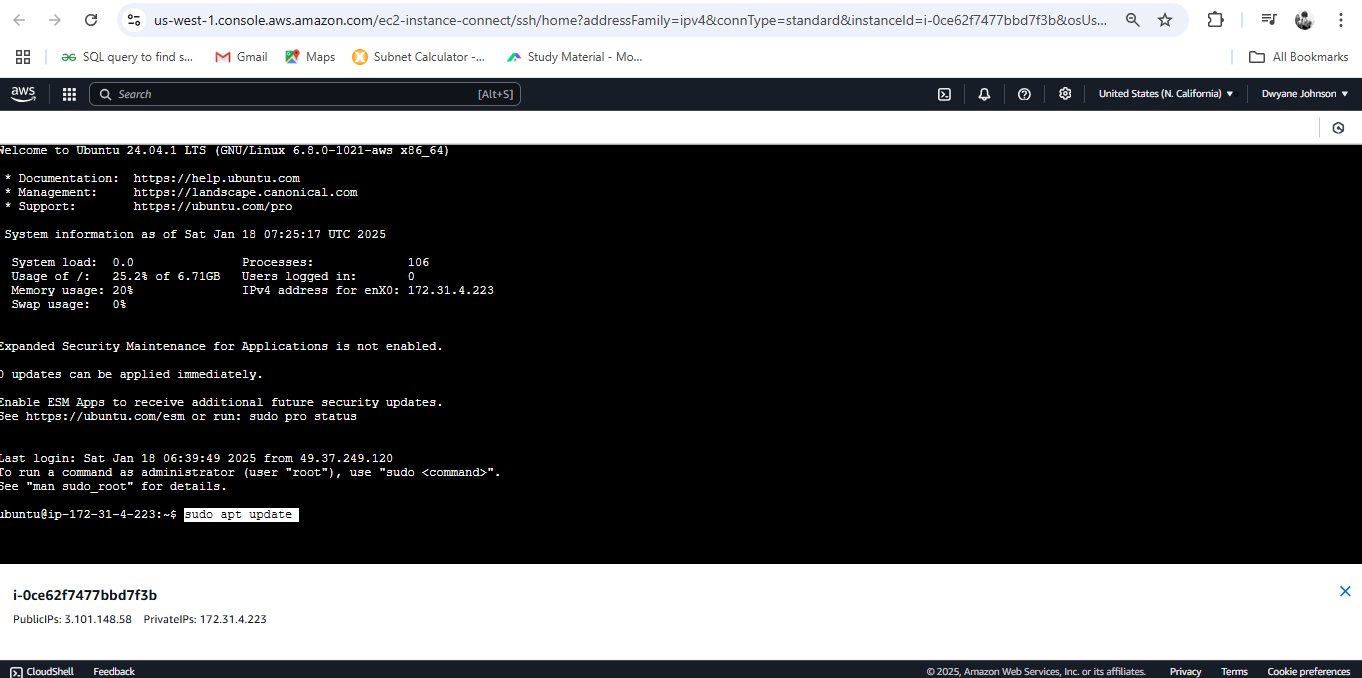


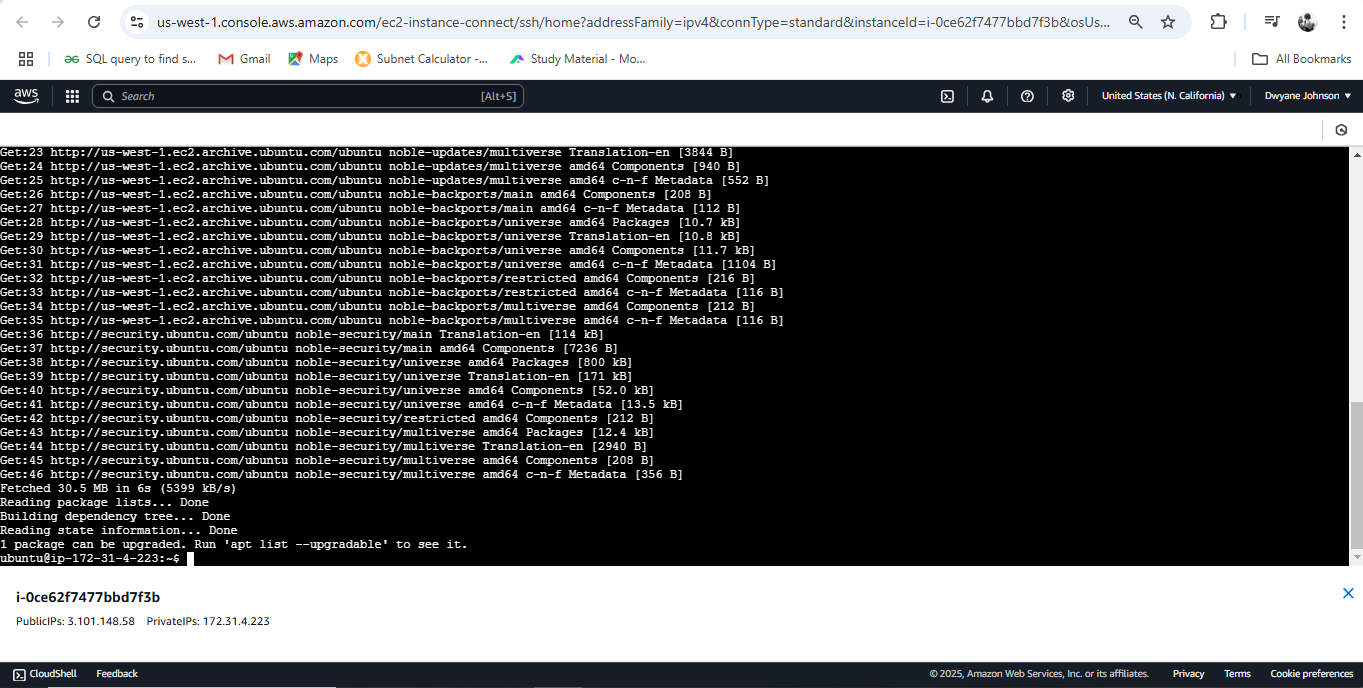


Step3: Installing default packages on Ubuntu

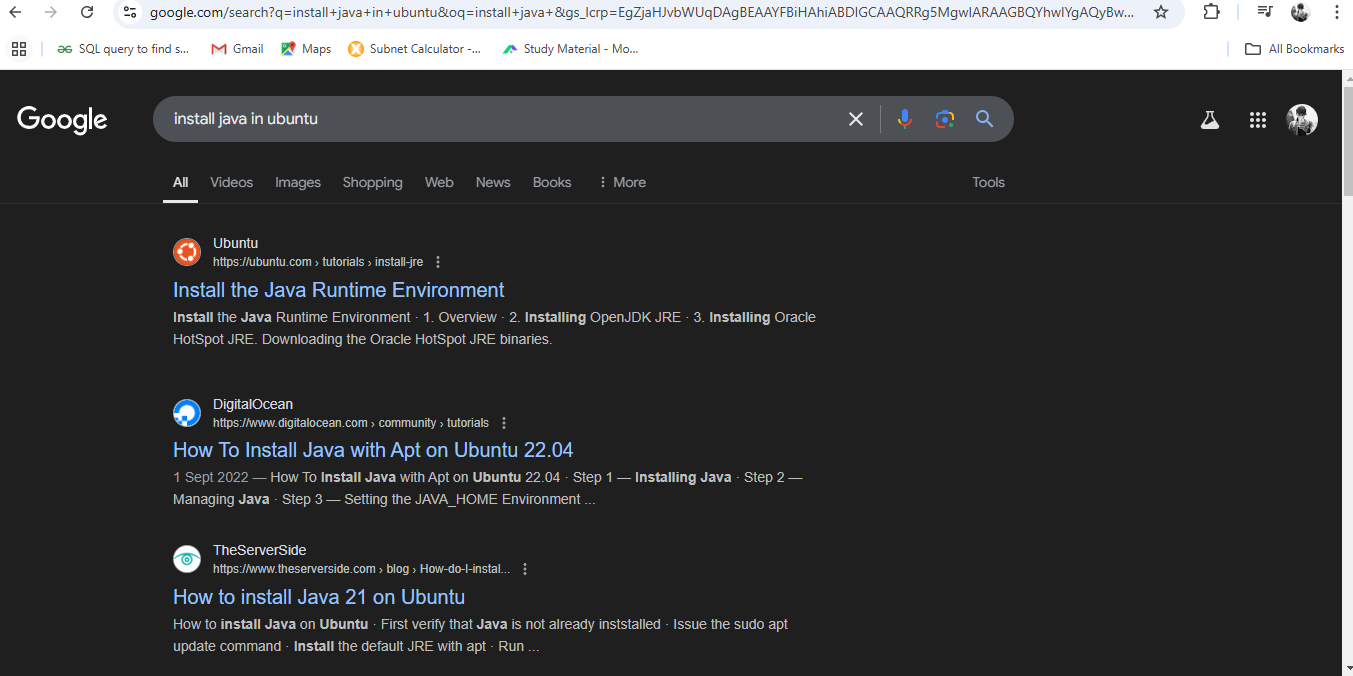


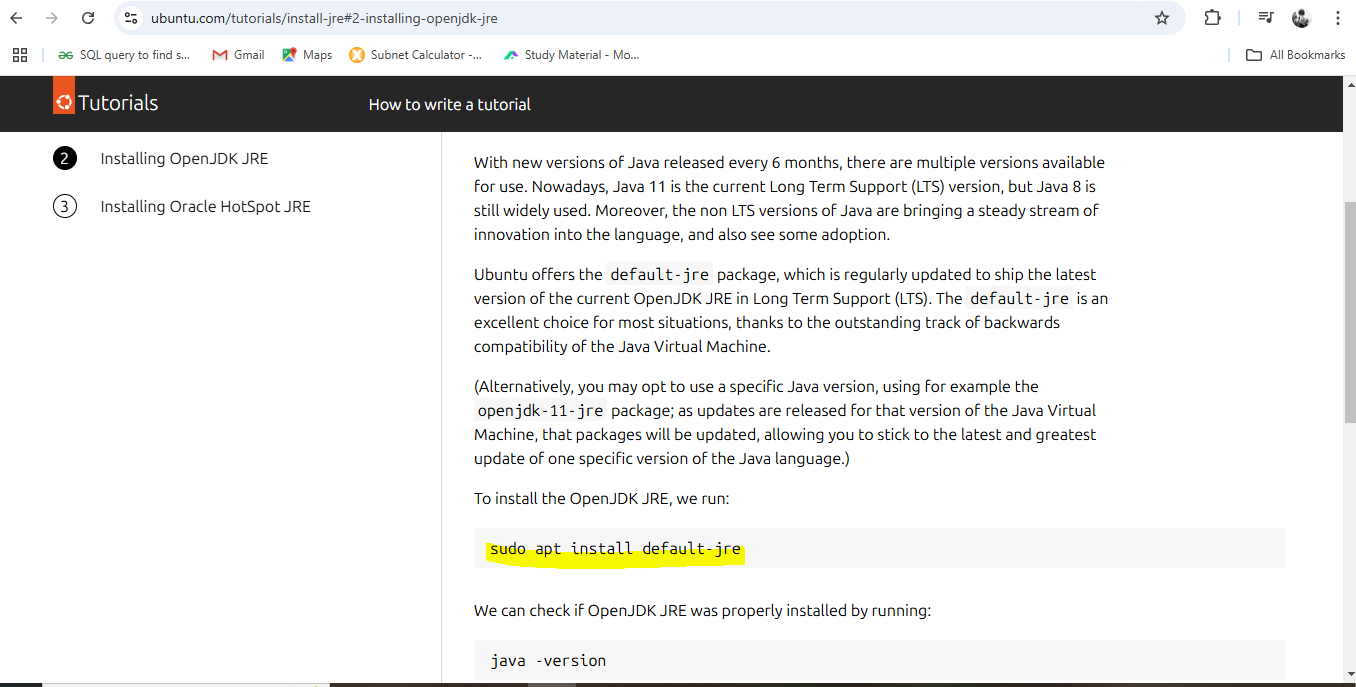


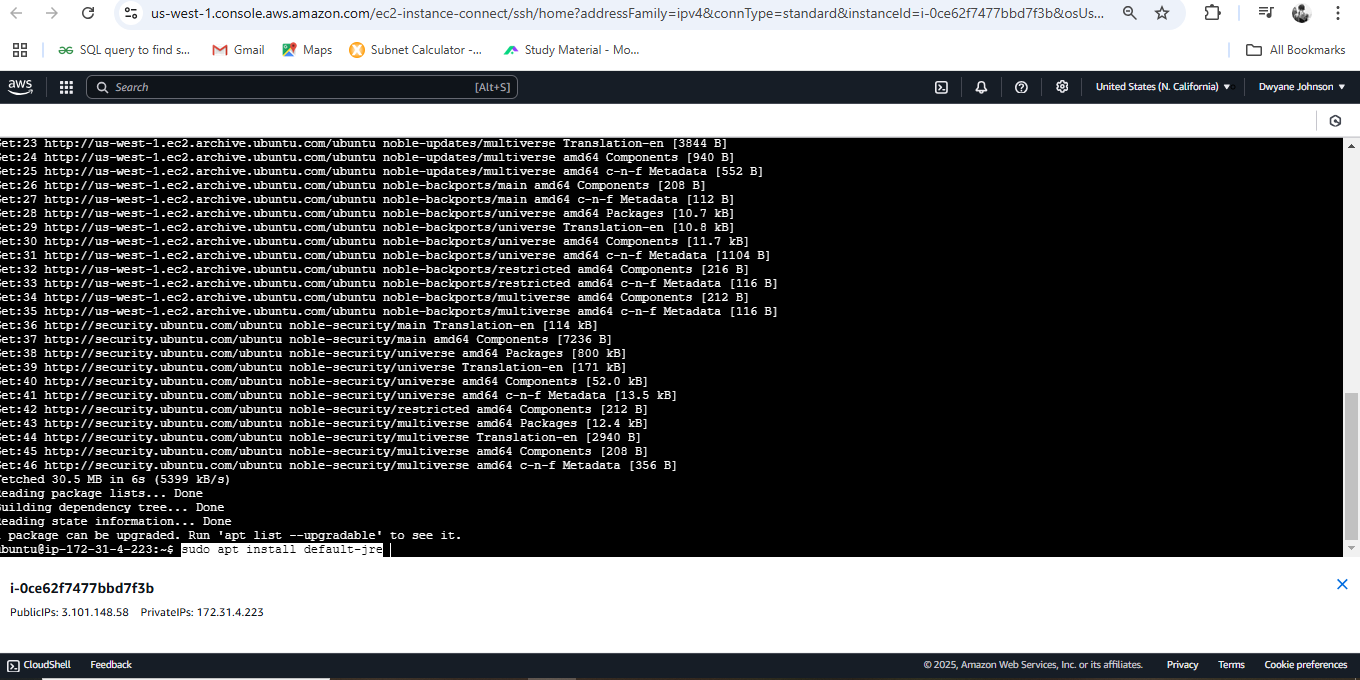


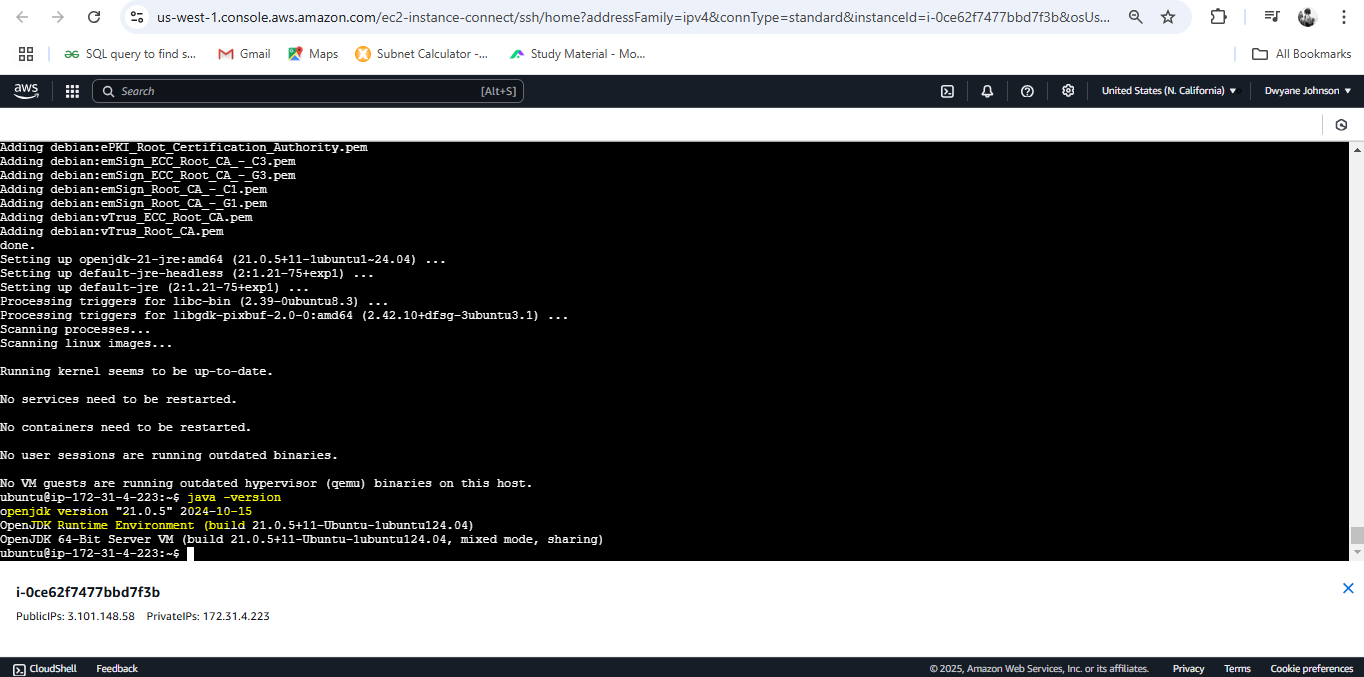


Step4: Installing JRE on Ubuntu

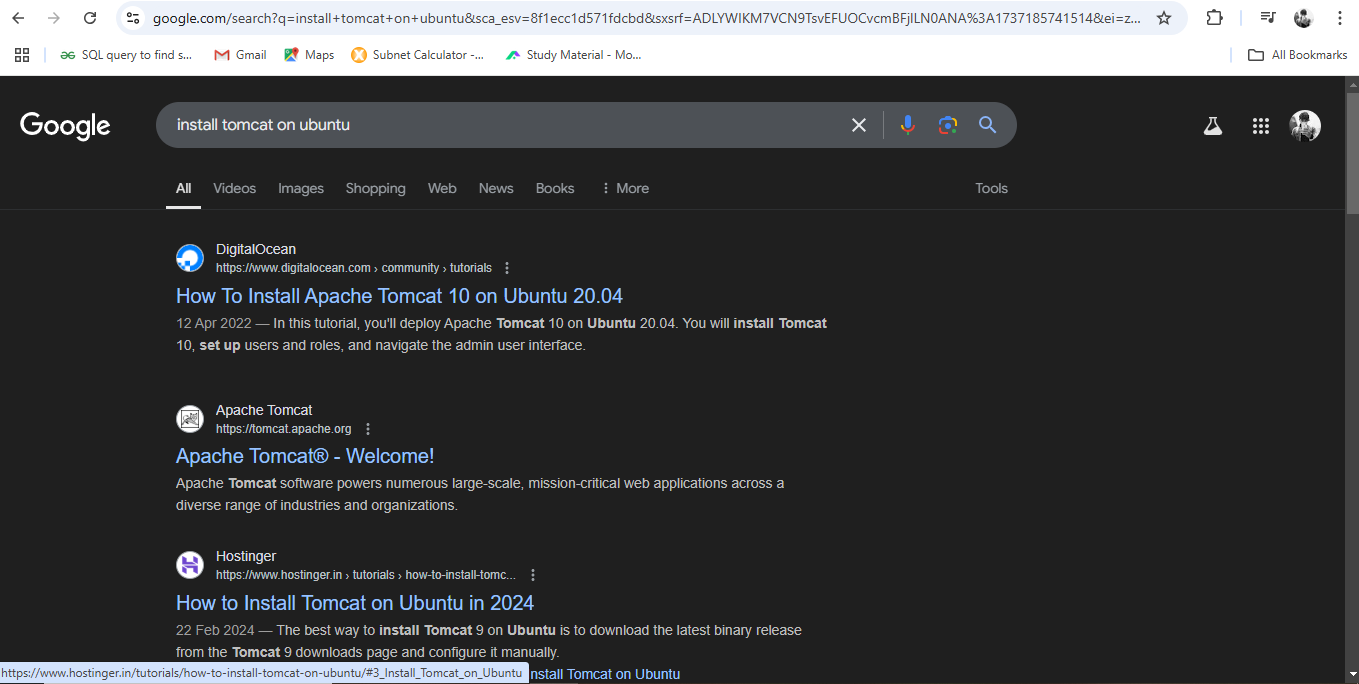


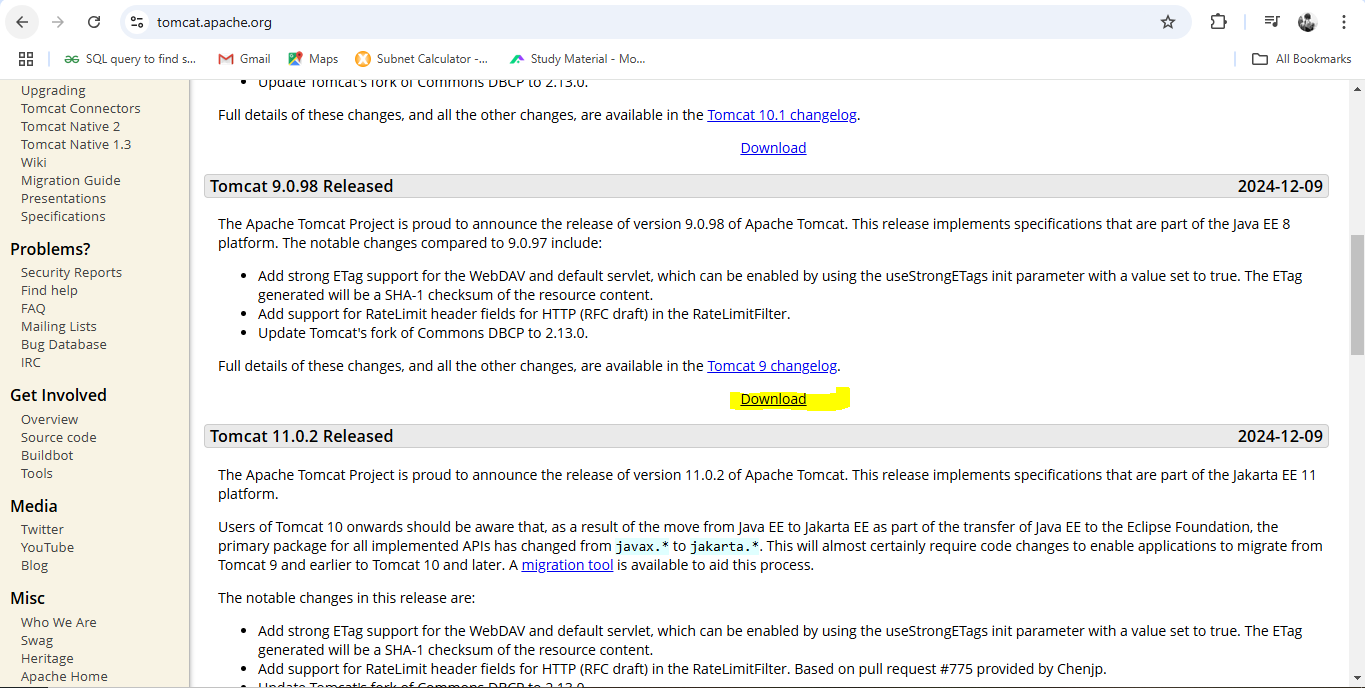


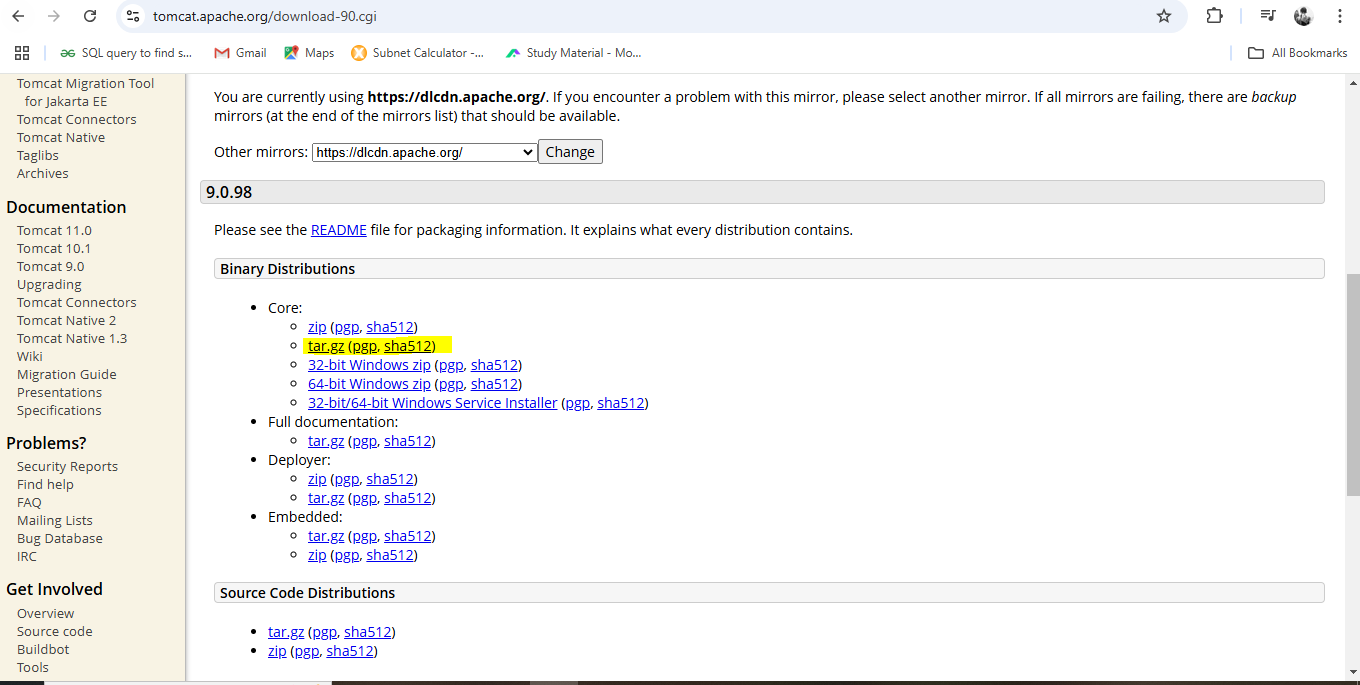


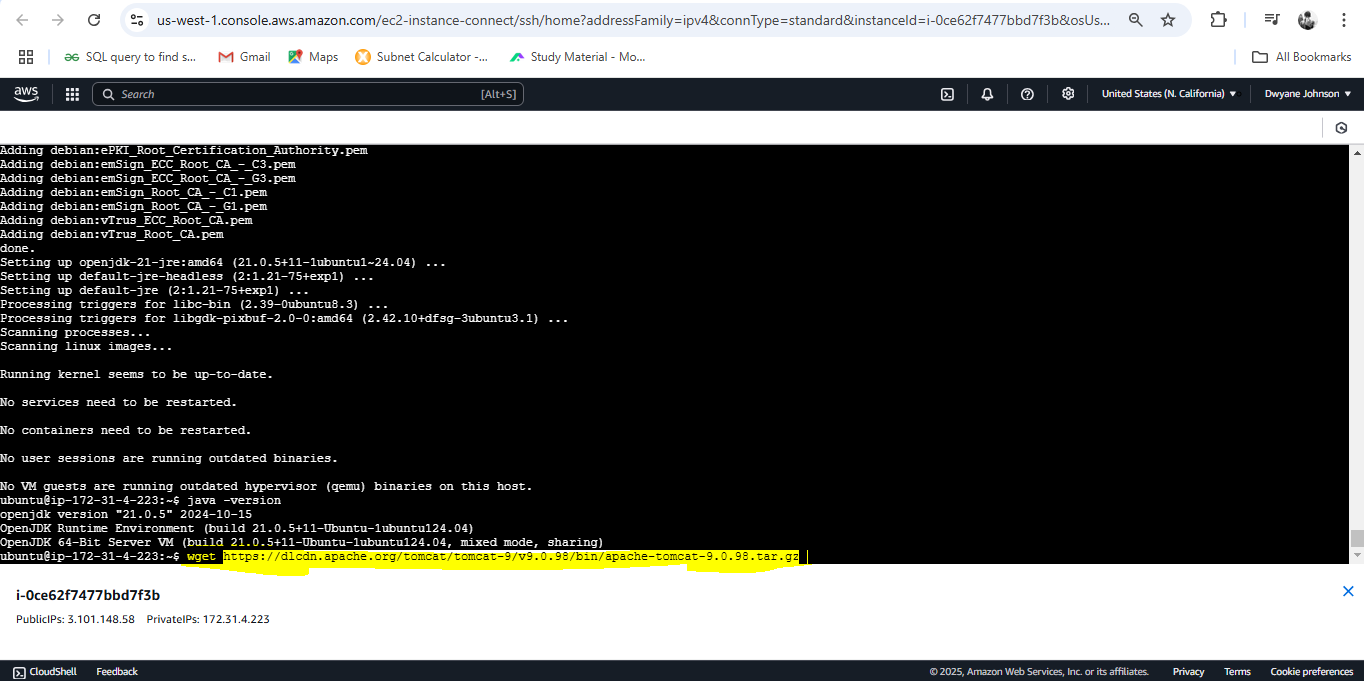


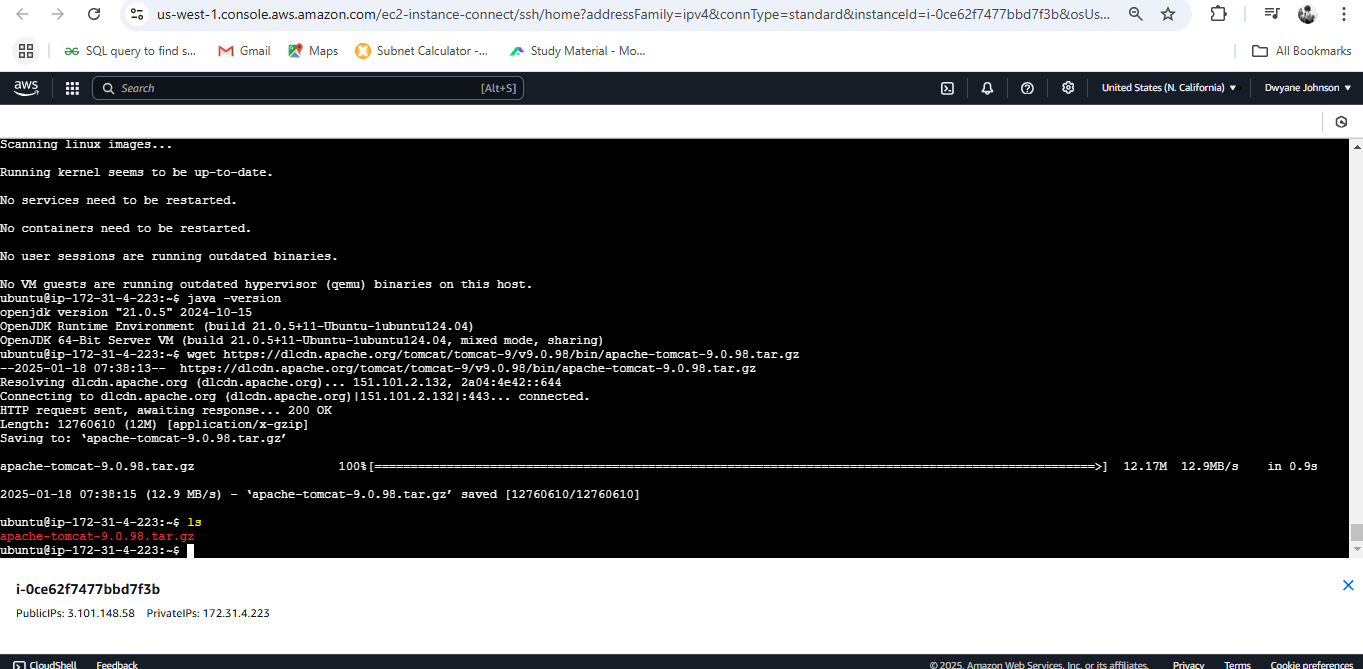
Step 5: Installing Tomcat on Ubuntu



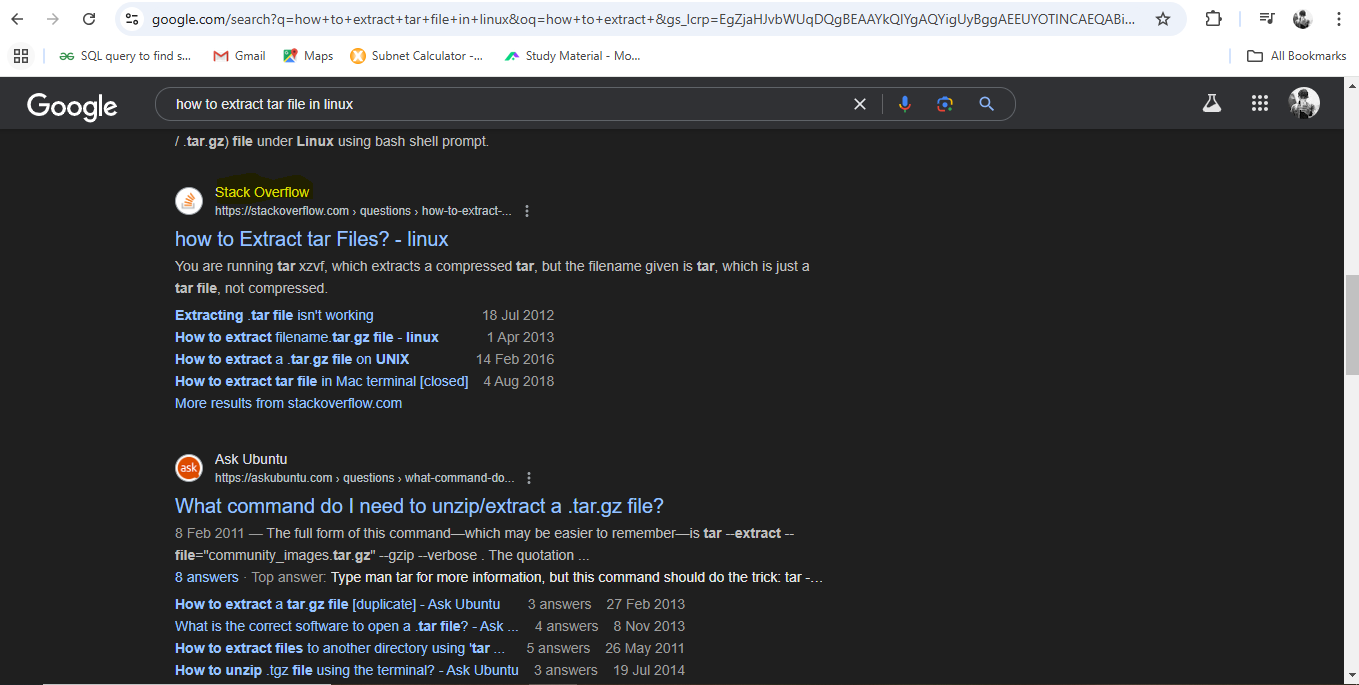


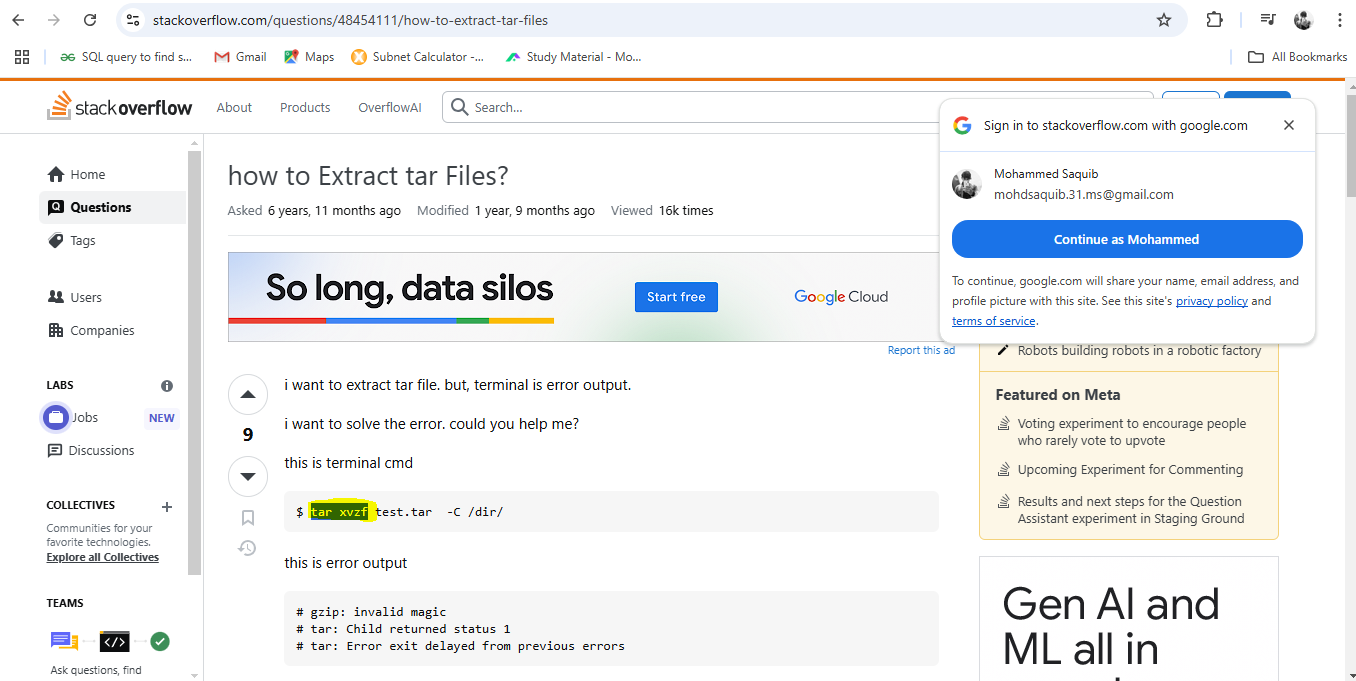


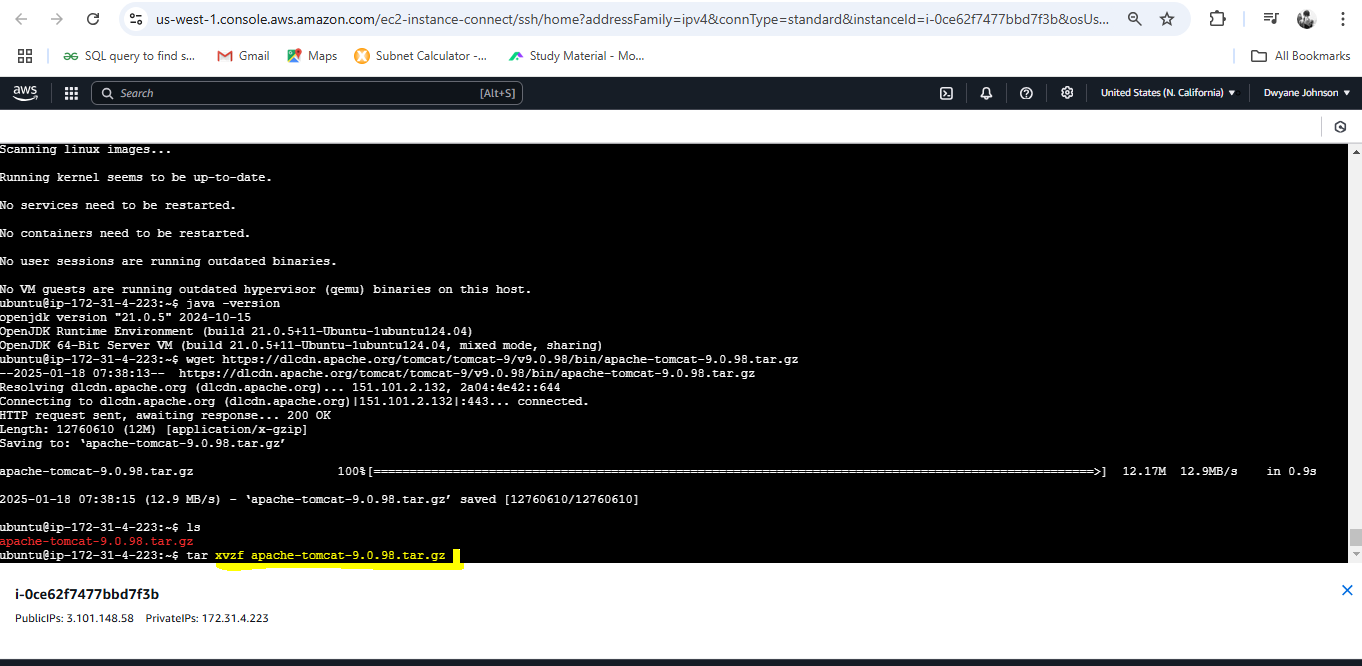


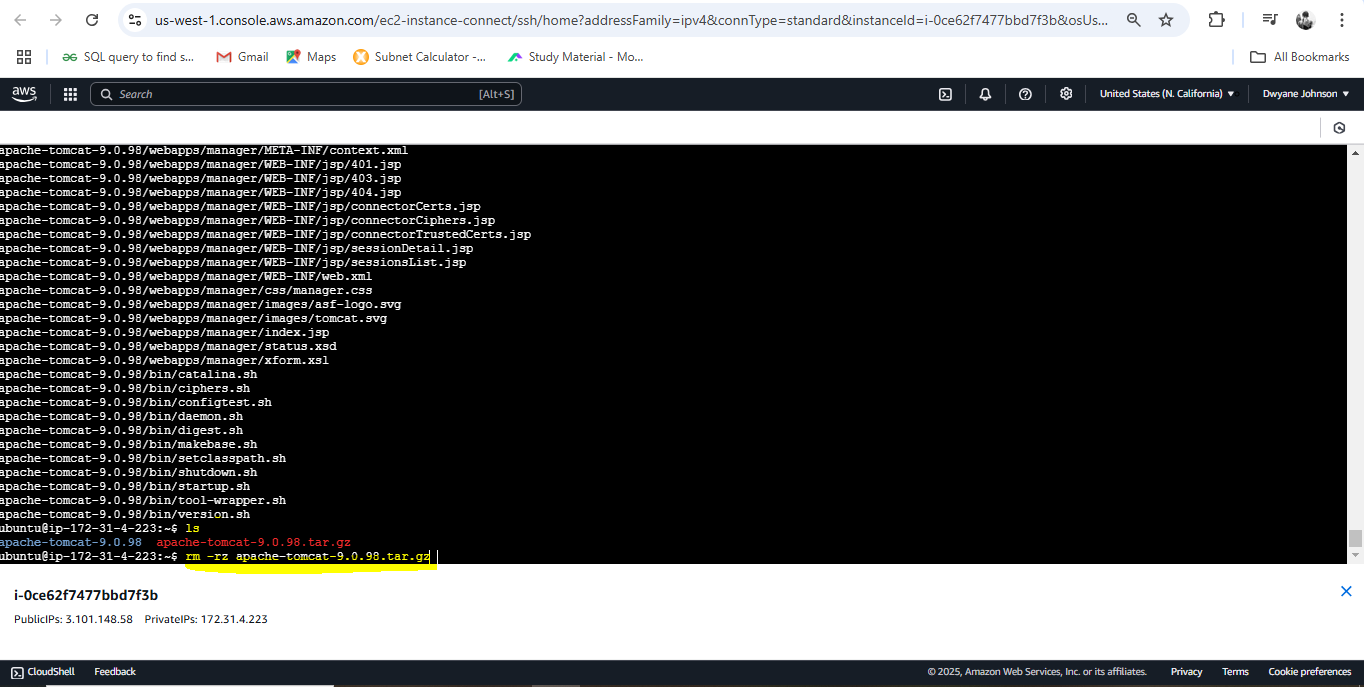


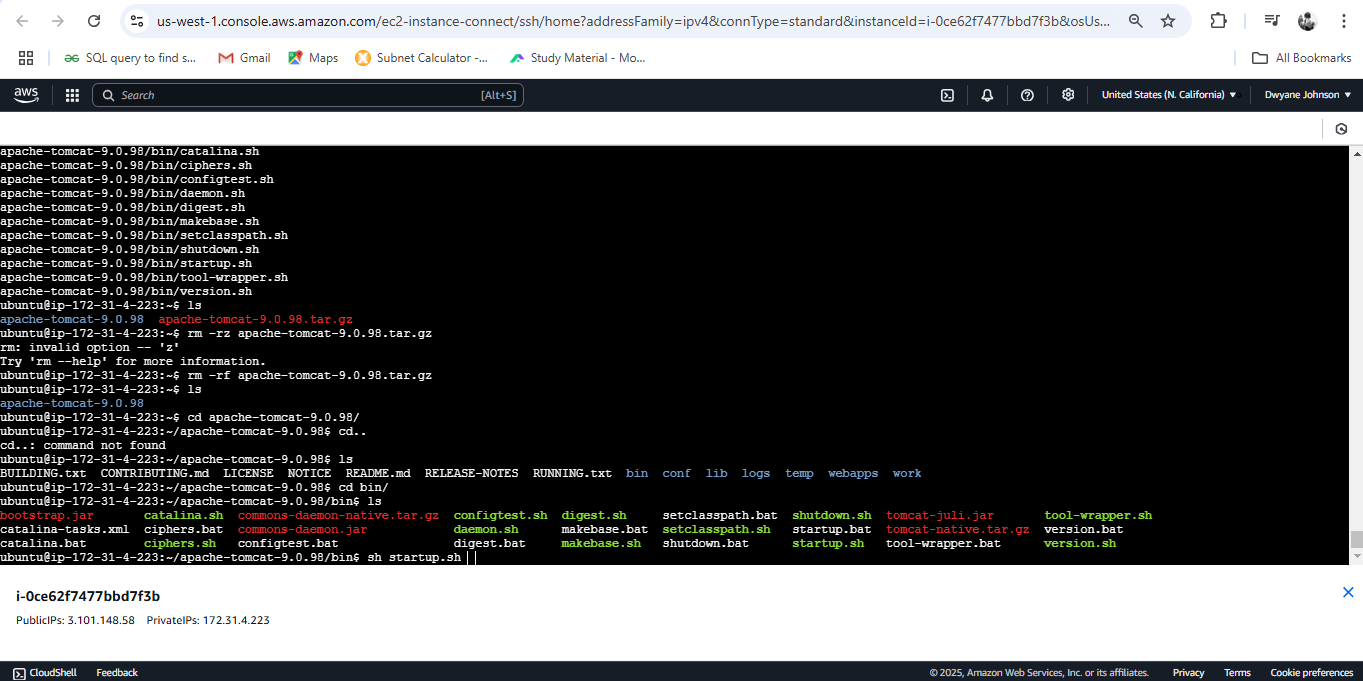
Step6: Extracting tar file



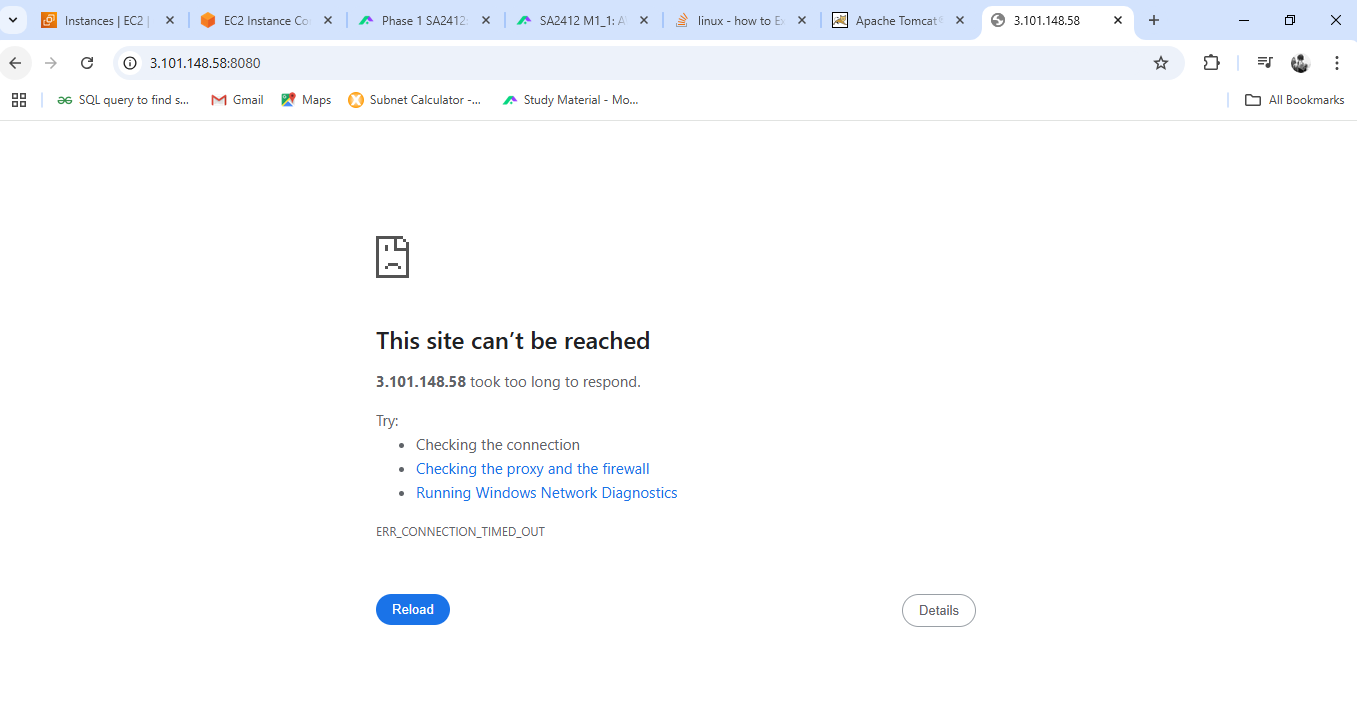


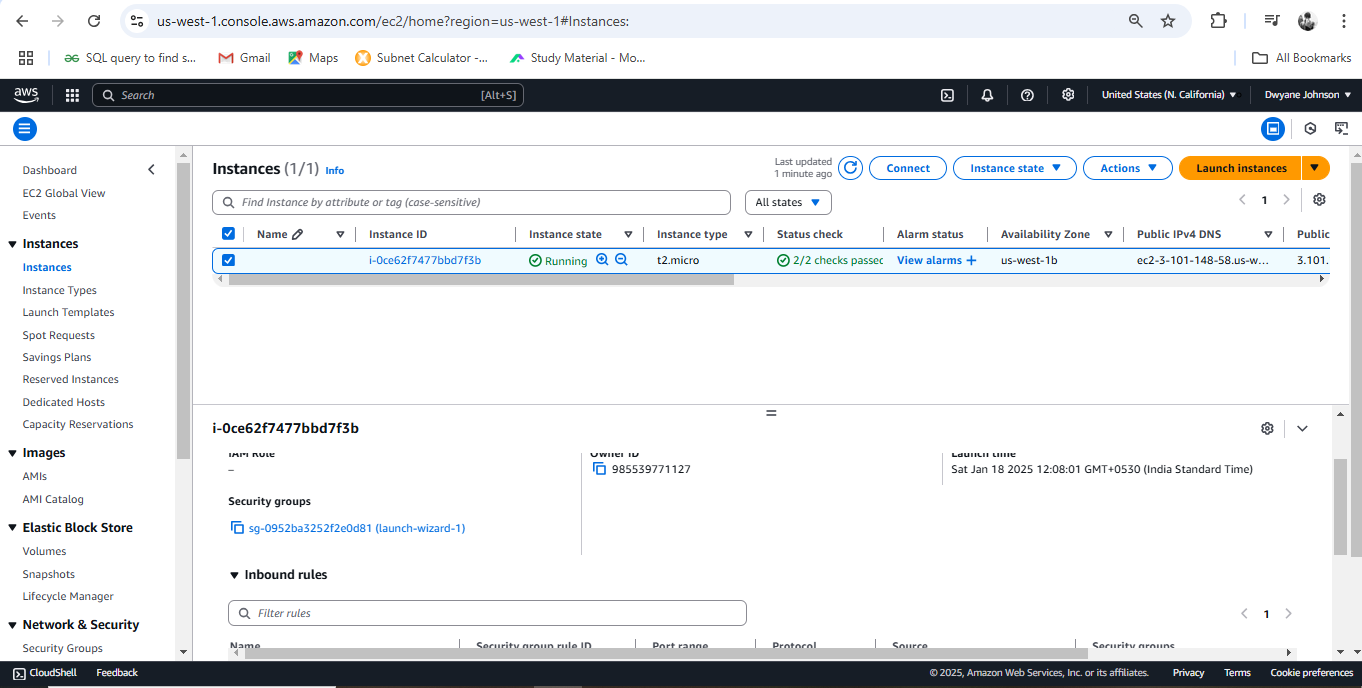


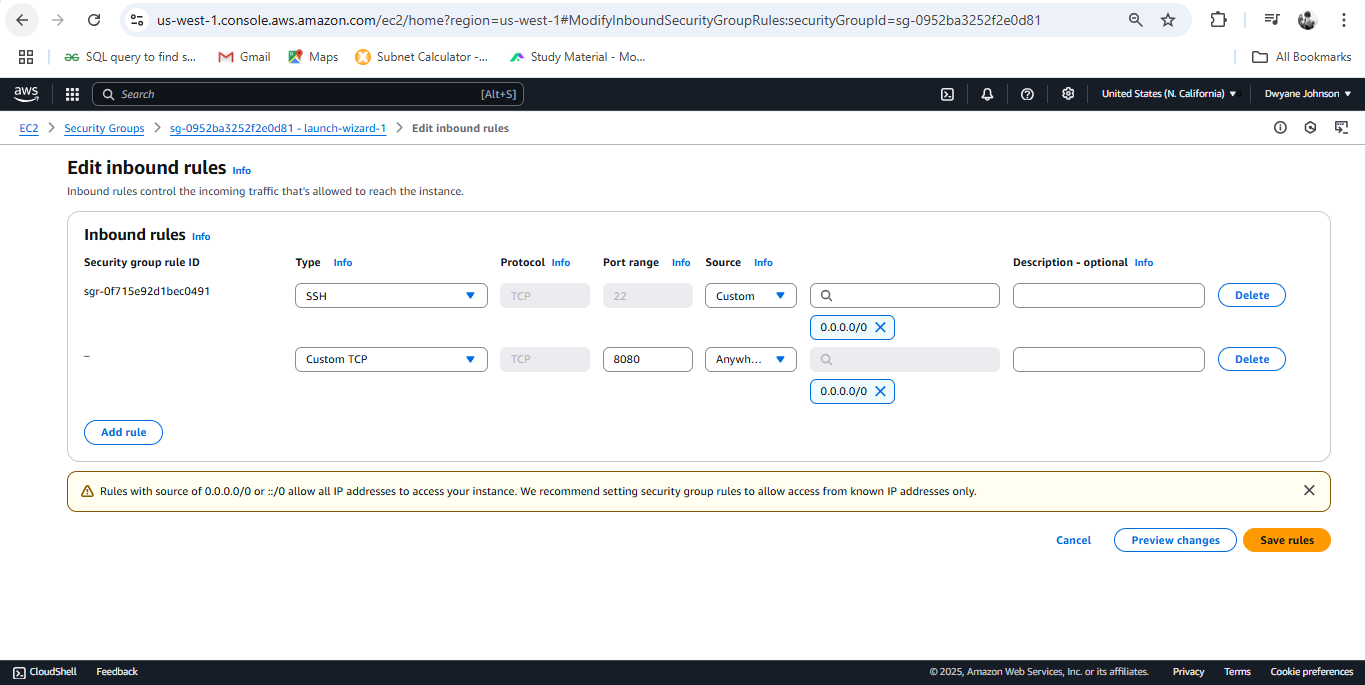


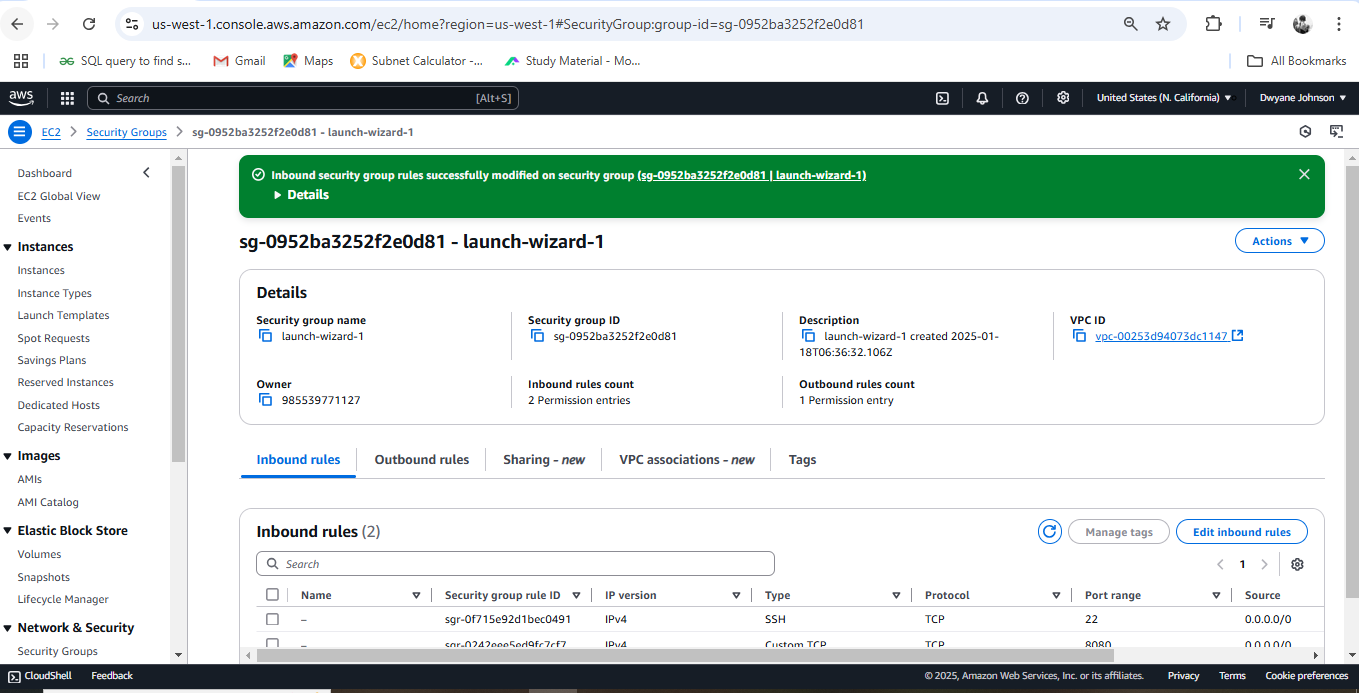


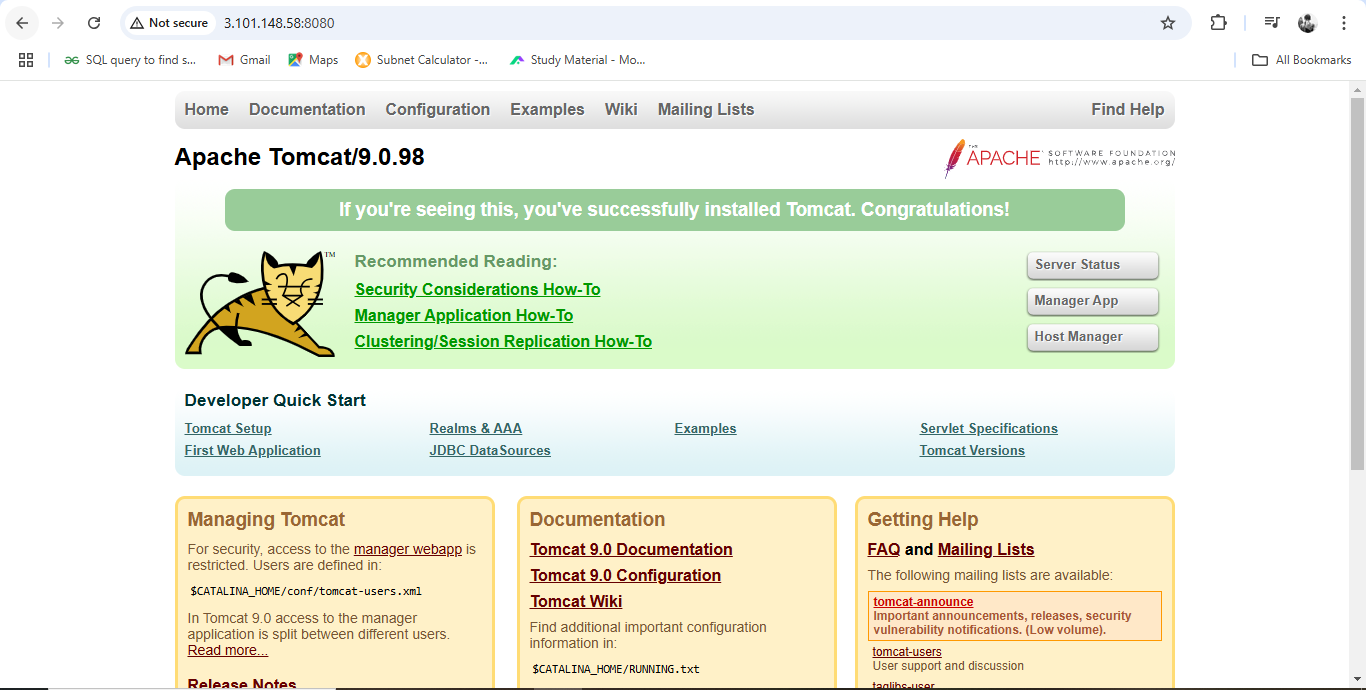
Step7: Trying to access Tomcat











Justification: Port 8080 is typically used by webservers like Apache Tomcat for serving HTTP traffic. By opening this port, it allows external users or system to access the web application deployed on the server.