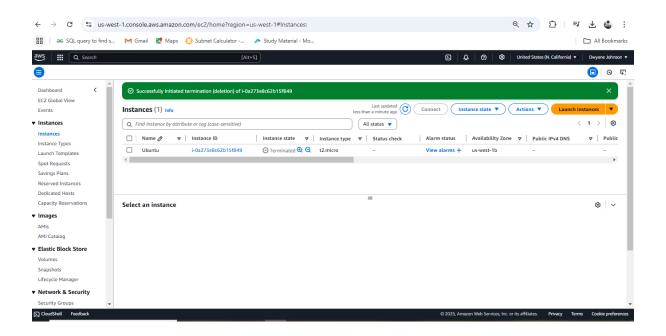
Submitted by: Mohammed Saquib

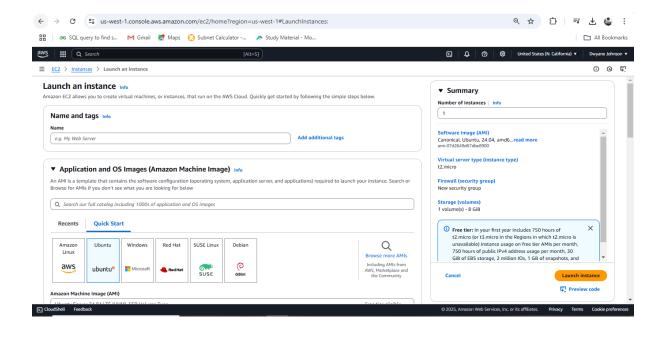
Date: 18/01/2025

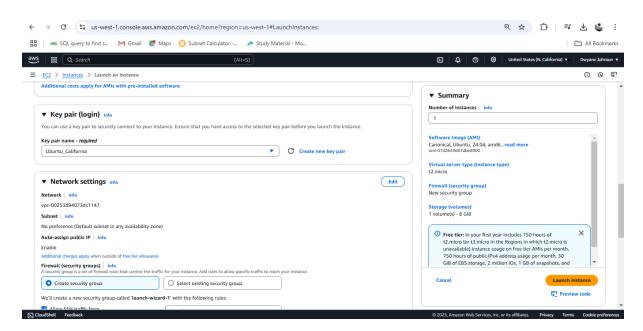
Batch no: DevOps SA2412033

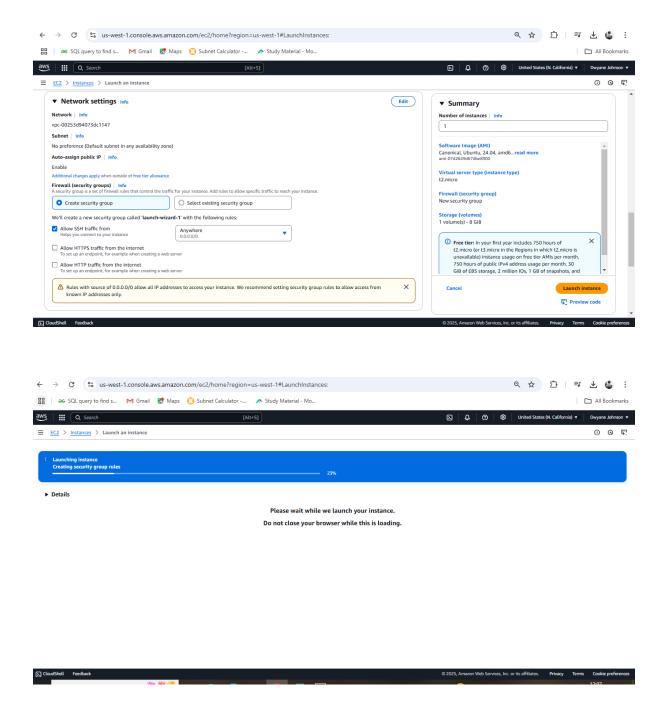
L3 - Launch AWS EC2 Ubuntu Instance and configure the Security Group - Inbound Rule: 8080. Justify the usage of Inbound Rules

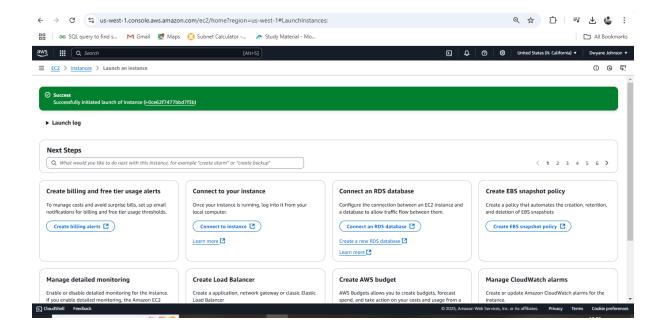
Step1: Creating an Ubuntu Instance

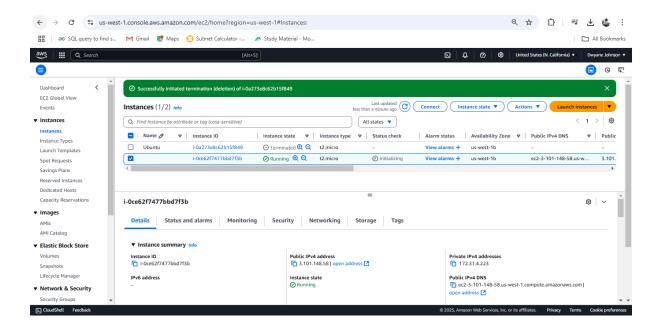




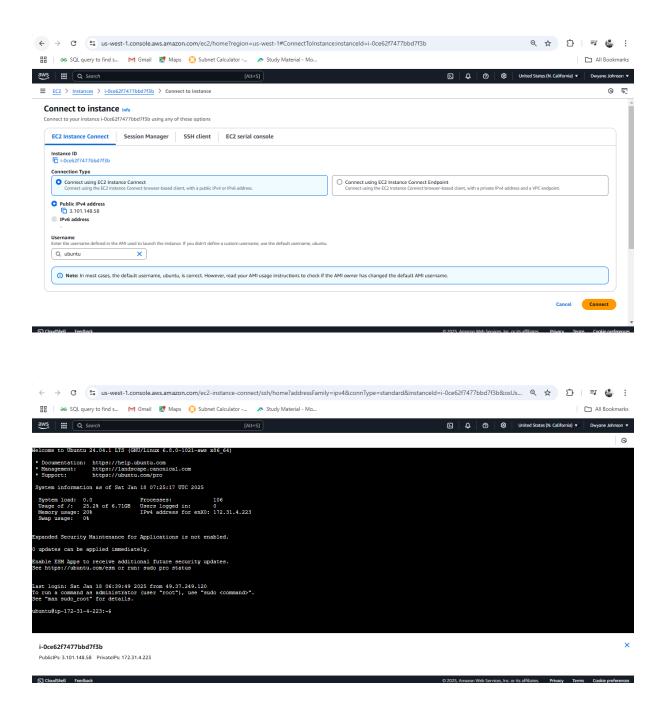




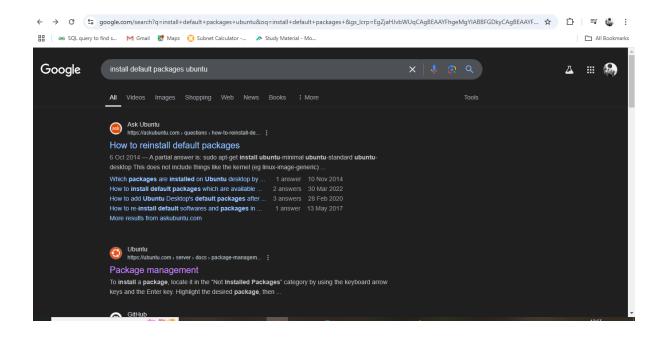


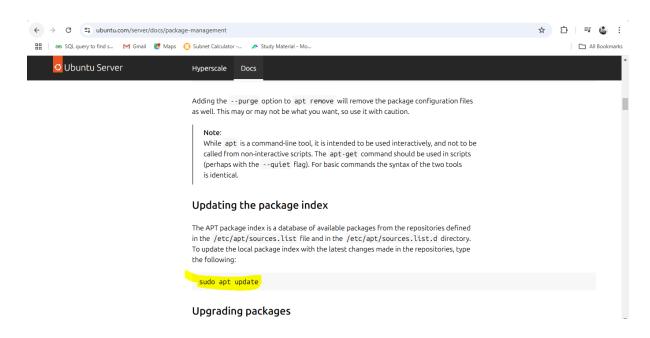


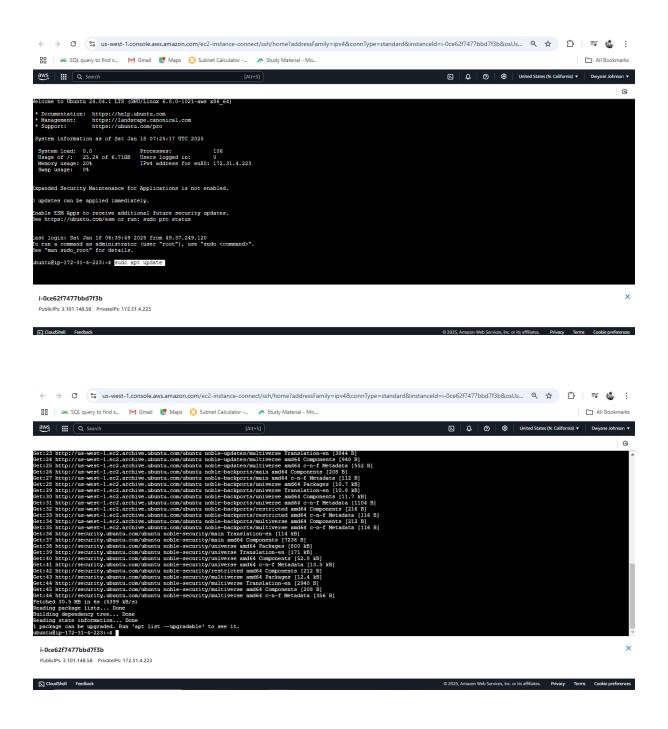
Step2: Connecting Ubuntu Instance



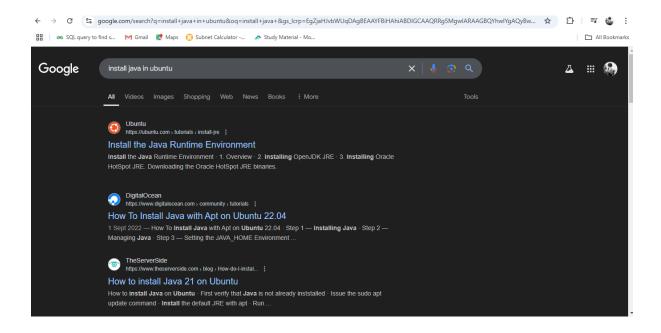
Step3: Installing default packages on Ubuntu

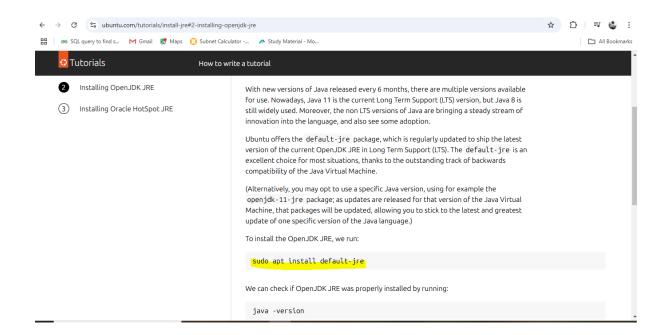


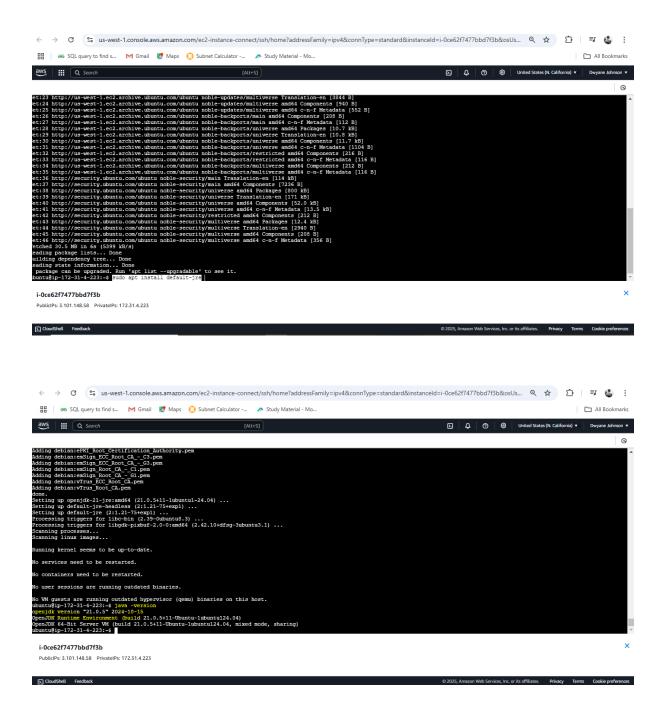




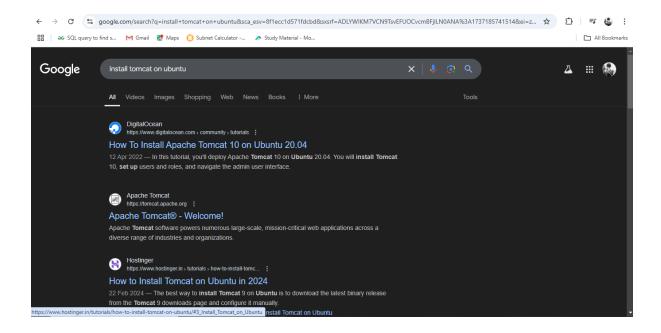
Step4: Installing JRE on Ubuntu

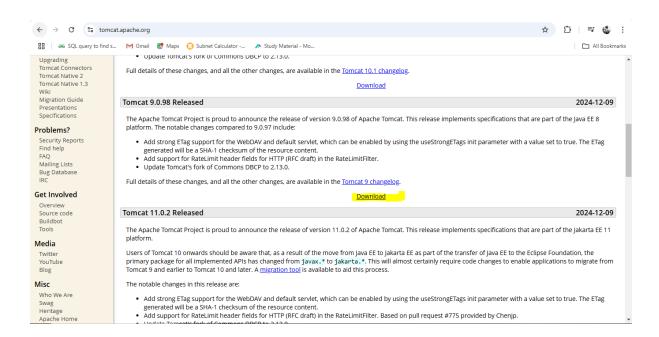


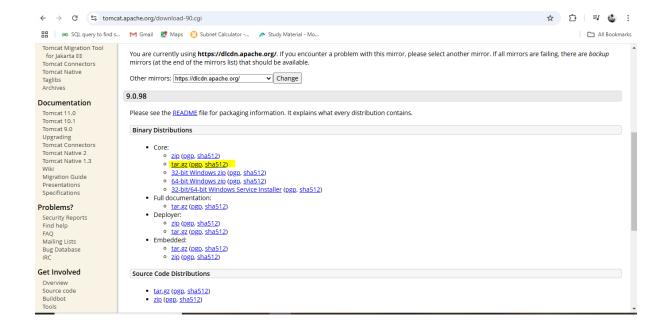


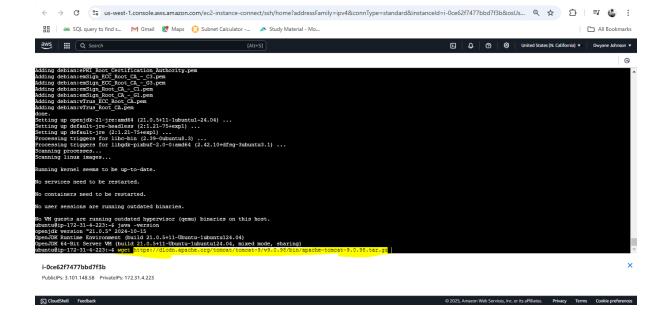


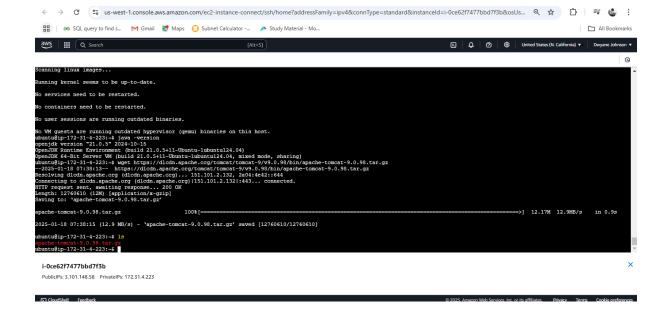
Step 5: Installing Tomcat on Ubuntu



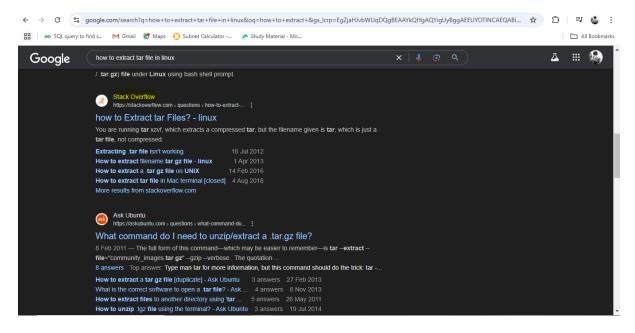


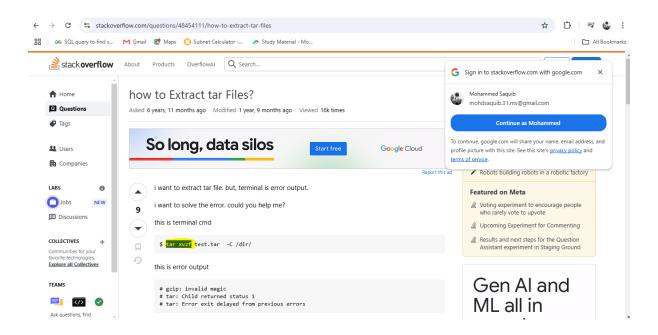


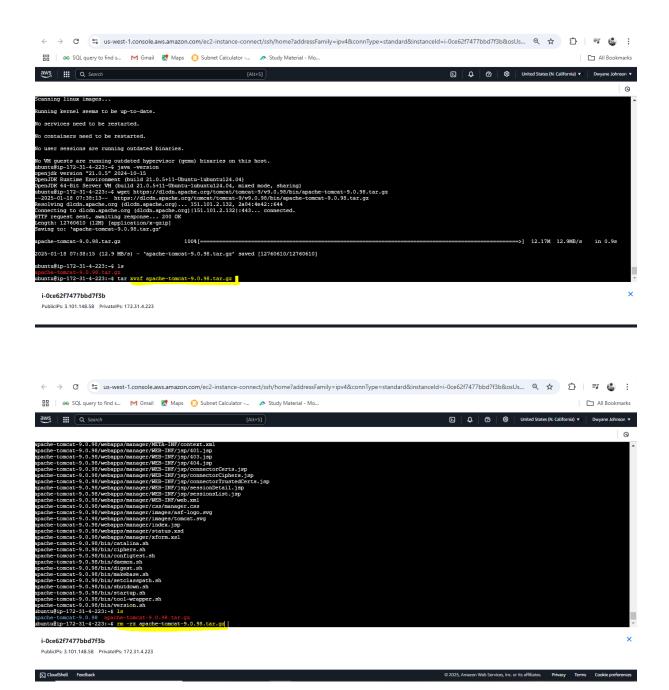


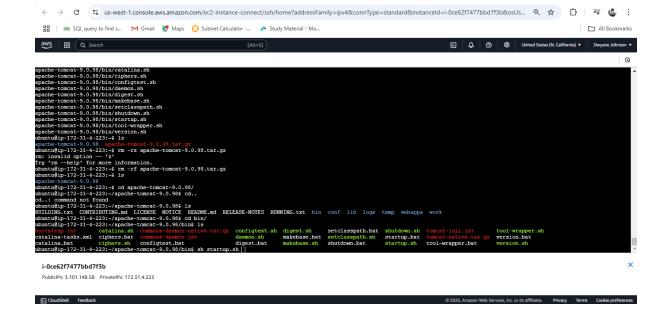


Step6: Extracting tar file

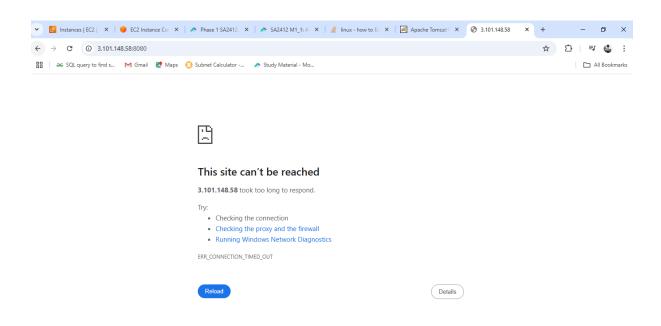


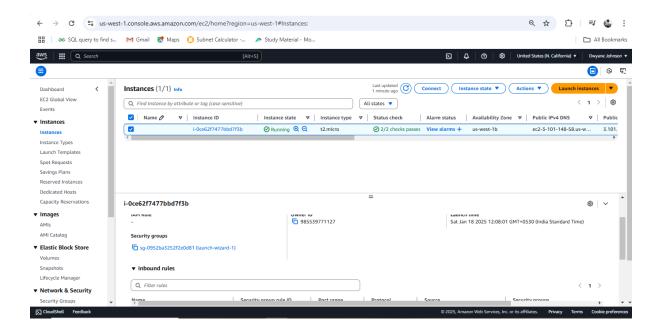


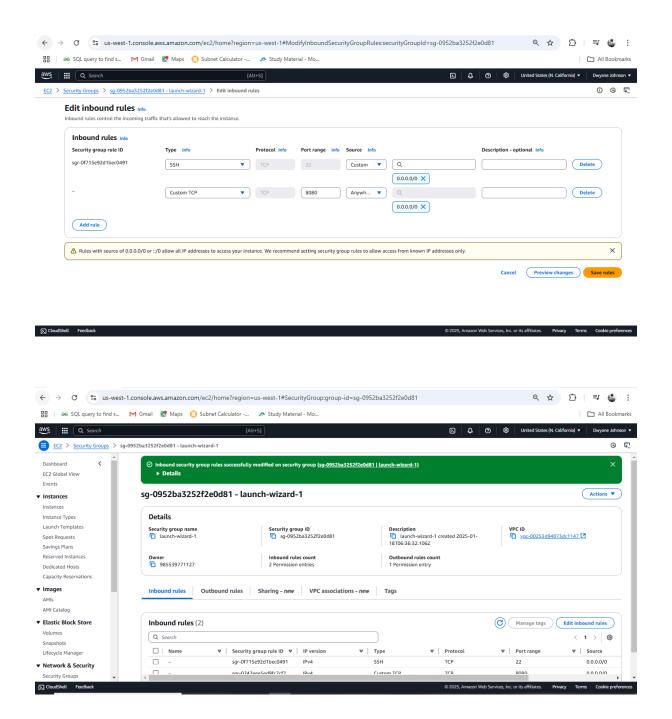


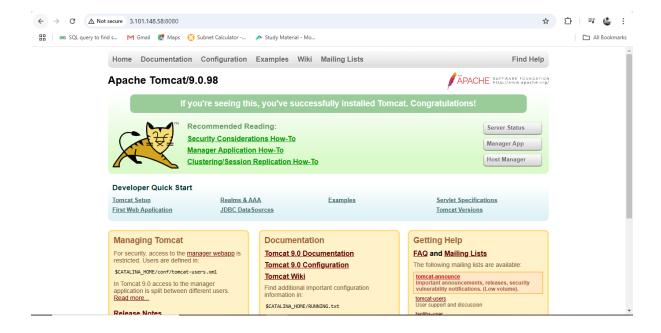


Step7: Trying to access Tomcat









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.