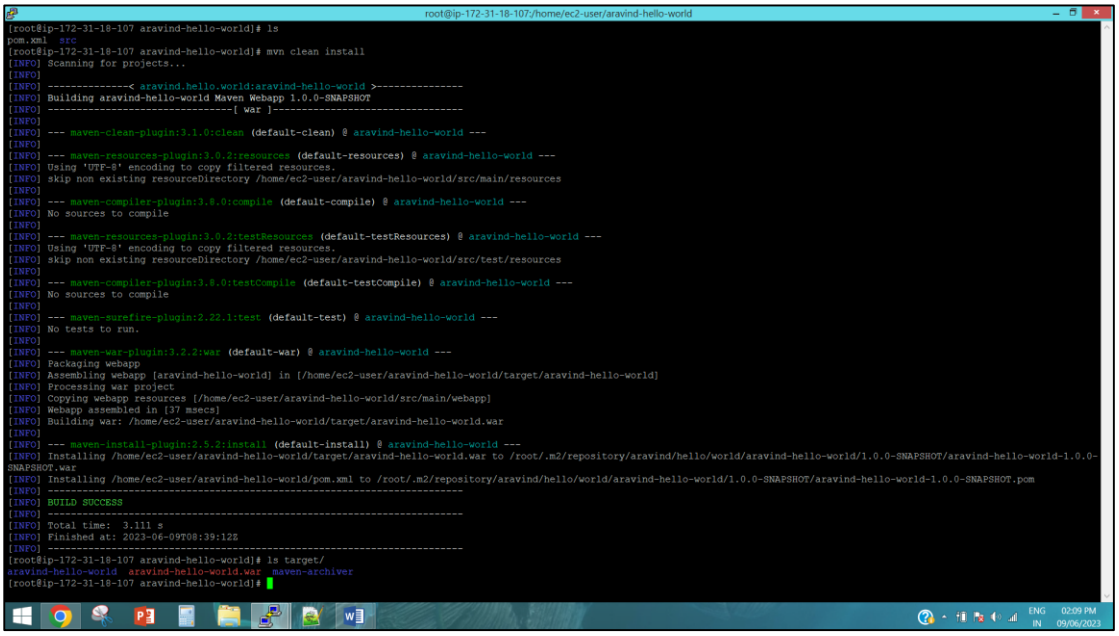
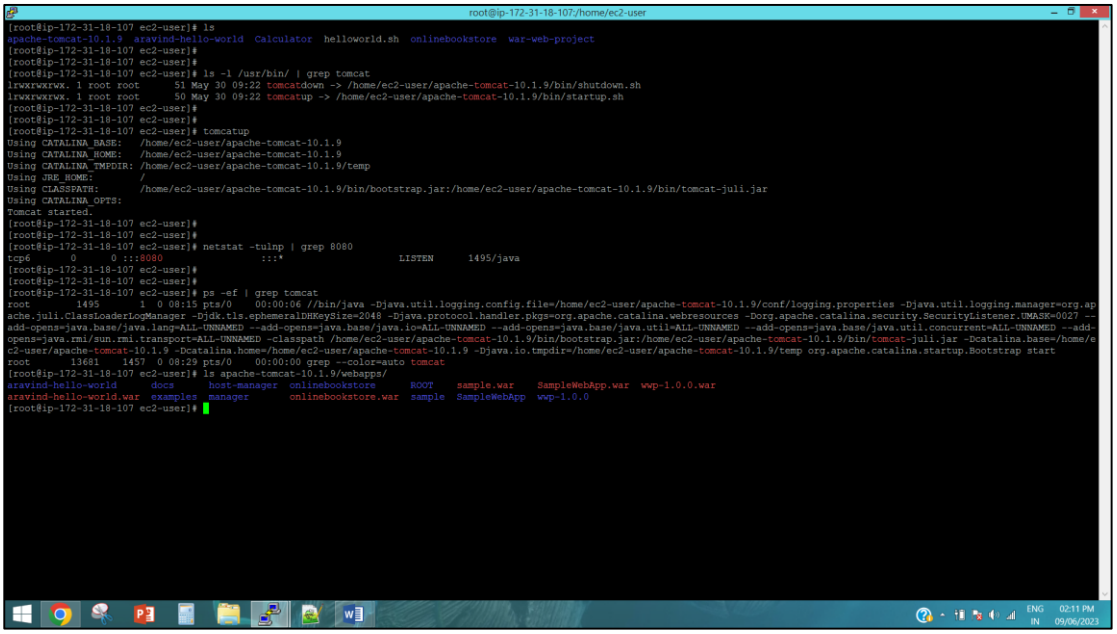
<u>Assignment 1</u>: Build an artifact and deploy it in tomcat

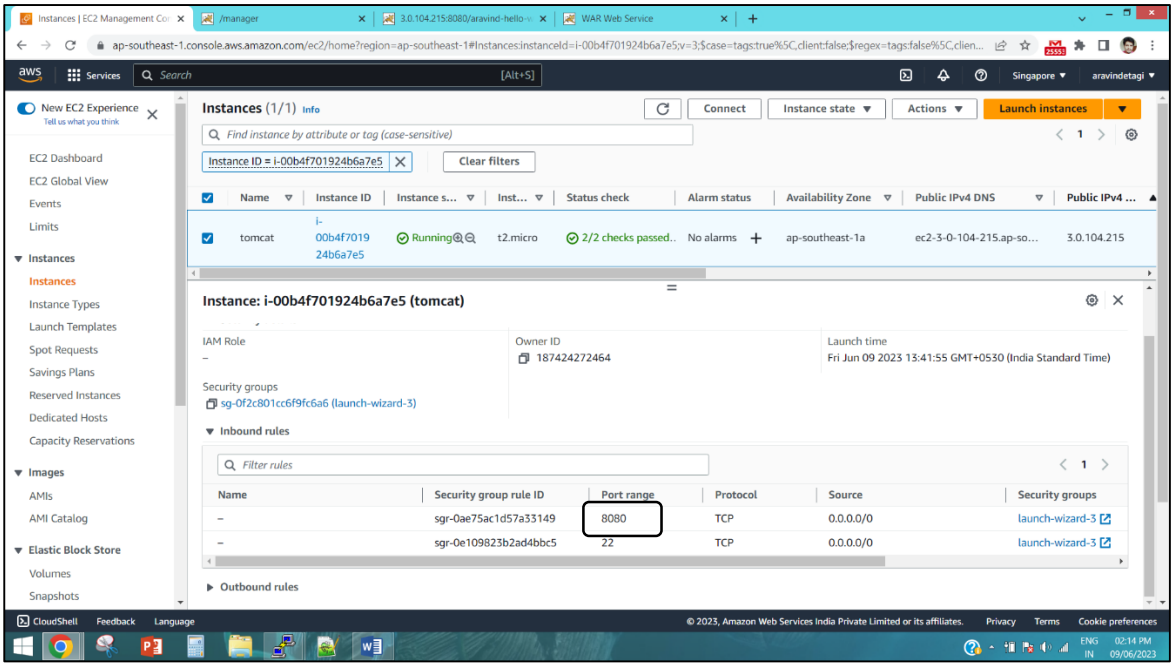
1. Built the .war file through **mvn clean install**



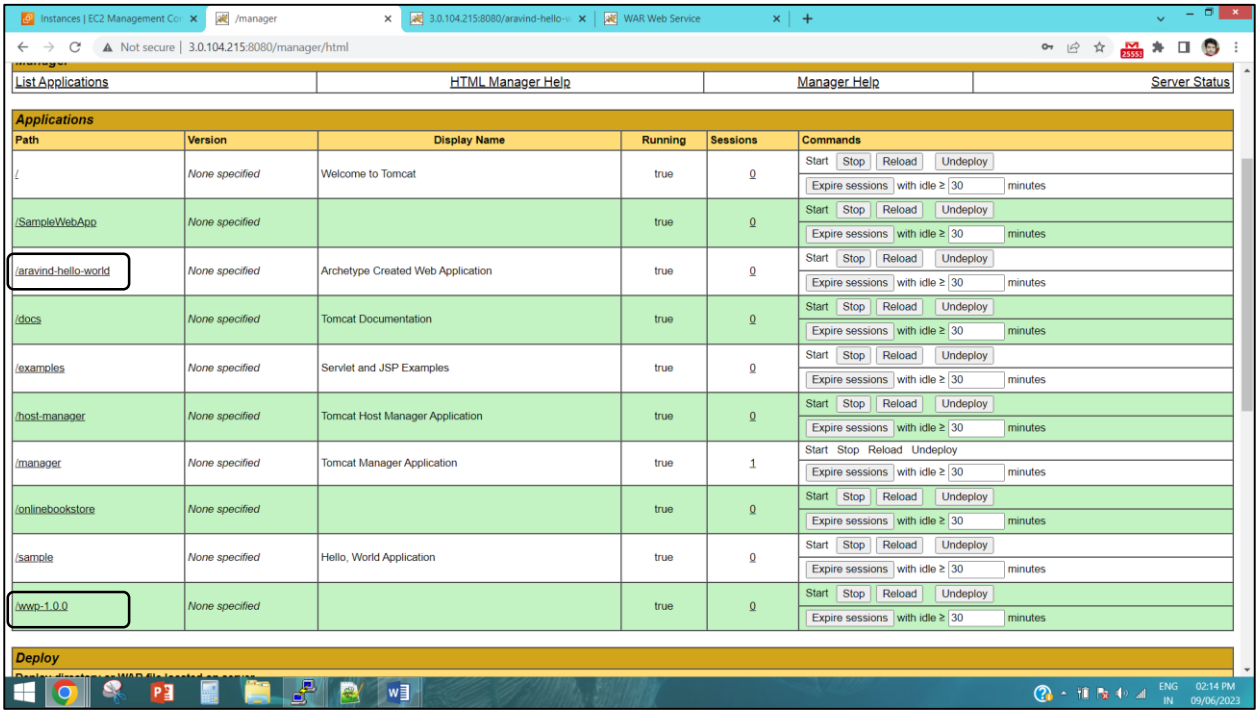
2. Pasted the war file from target directory to webapps directory of tomcat and started tomcat with bin/startup.sh



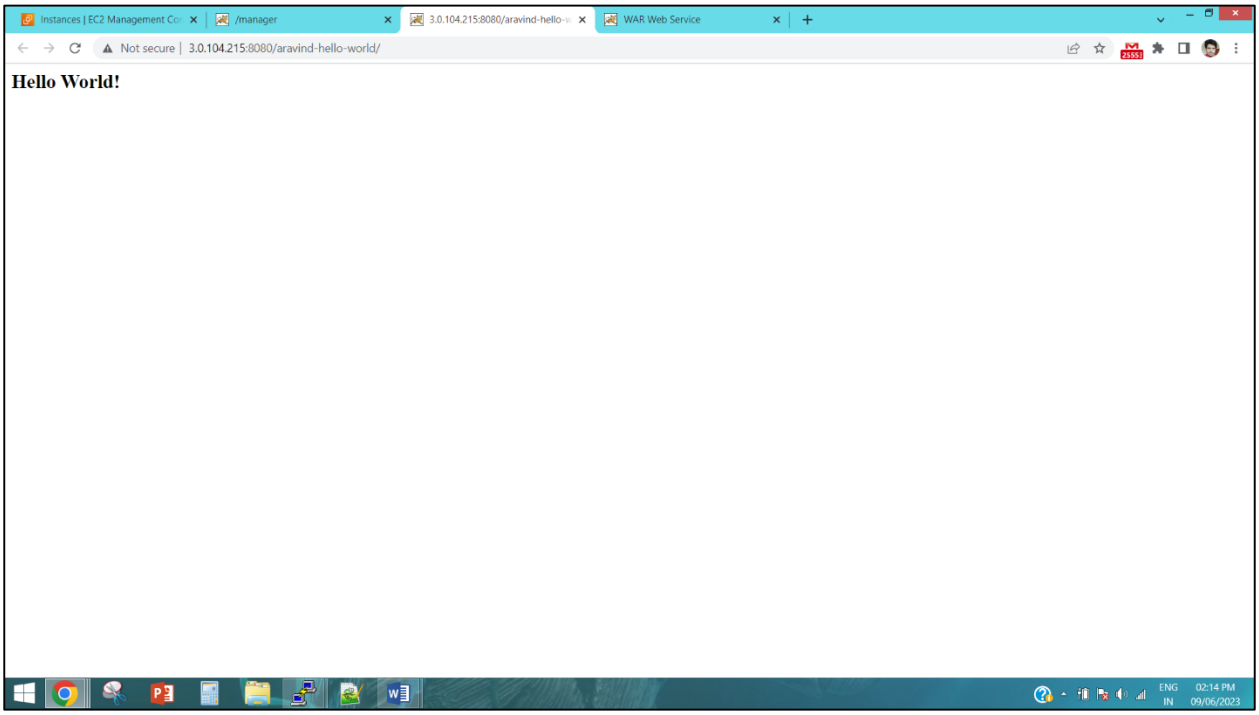
3. Allowed inbound rules for port 8080

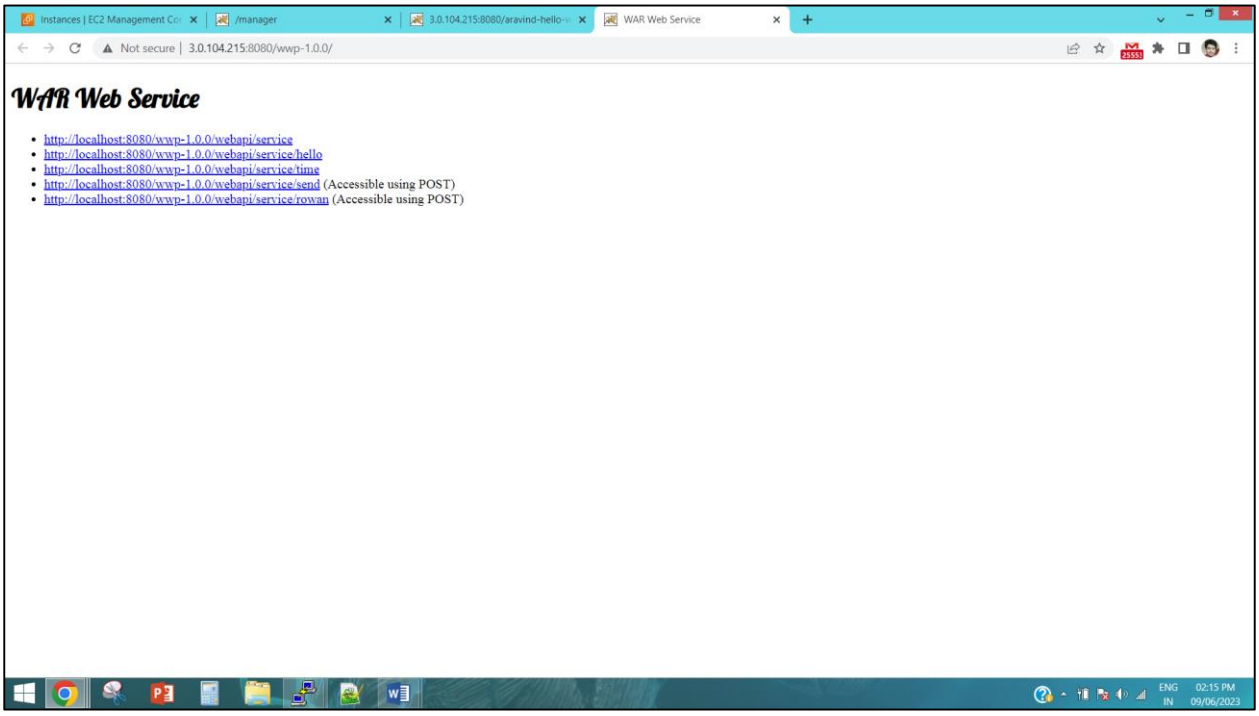


4. Logged in to manager



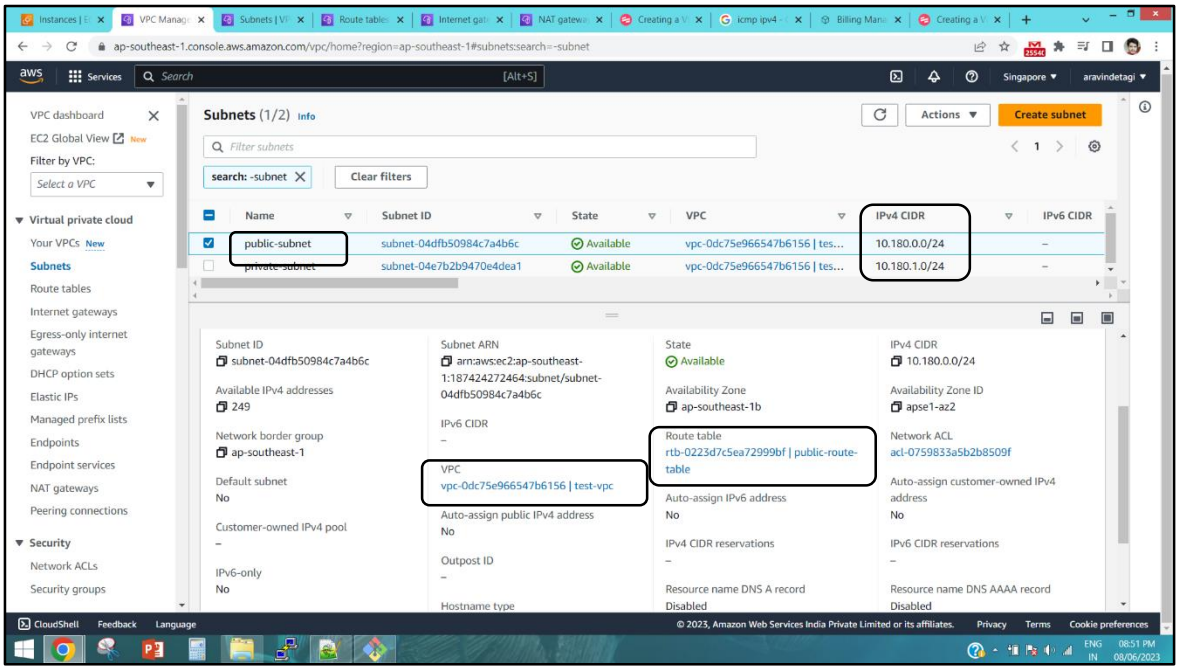
5. Opened the URL link

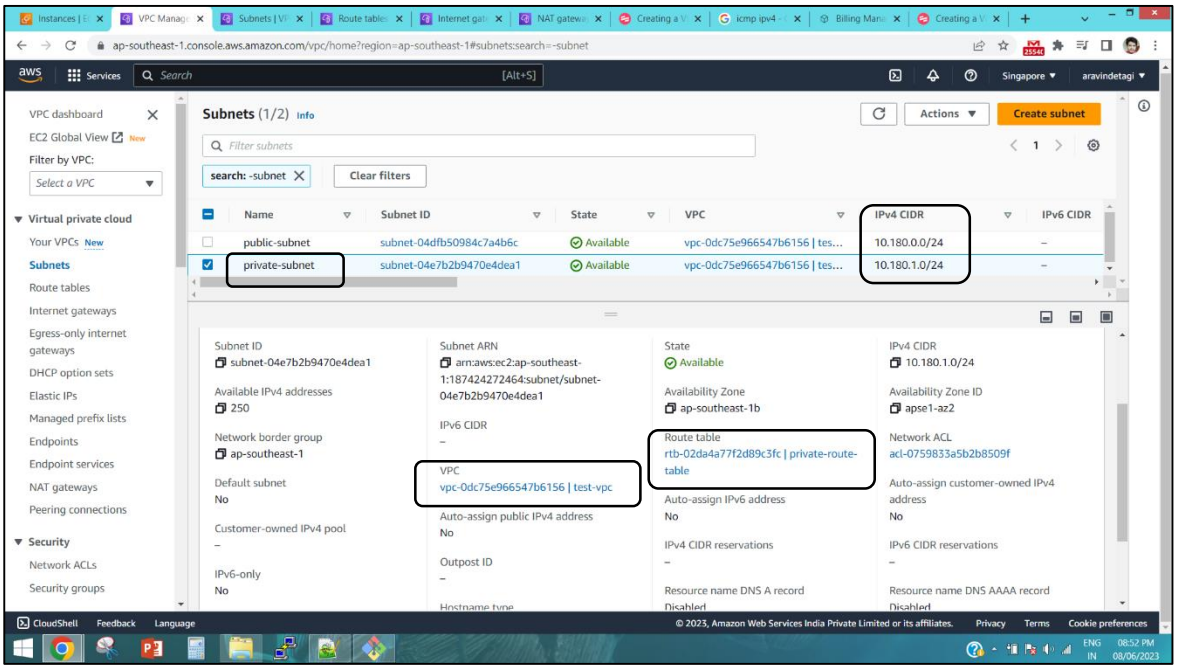




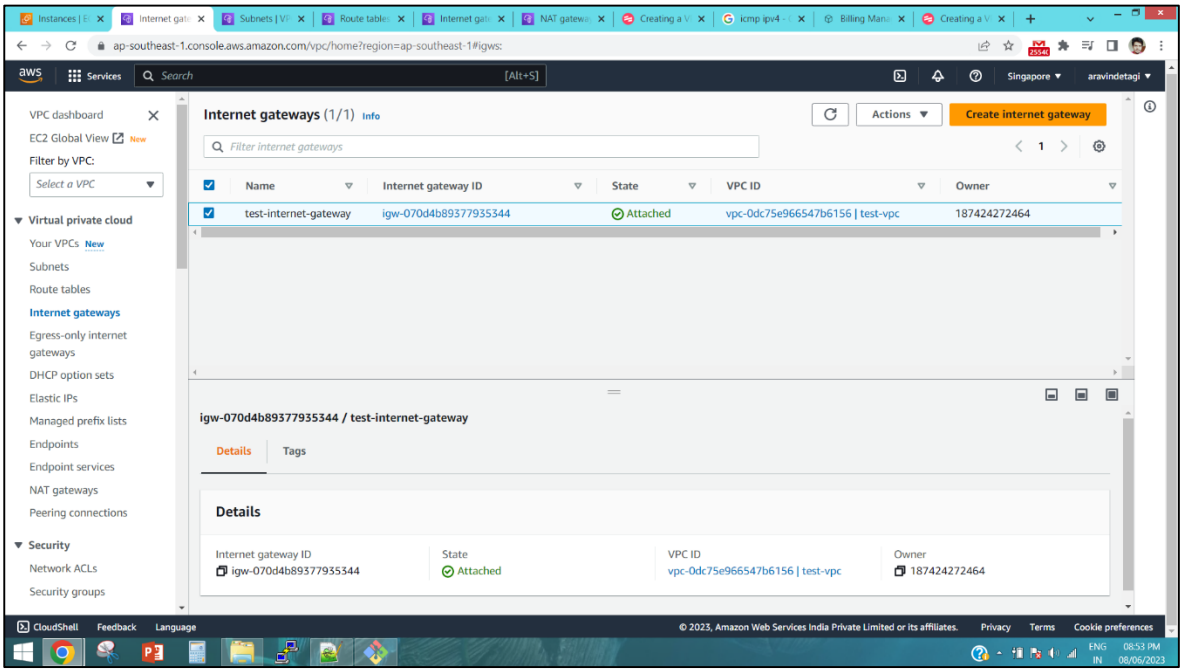
Assignment 2: Create Bastion host to connect instance in private subnet

1. Created VPC(test-vpc) and two subnet (private-subnet and public-subnet)

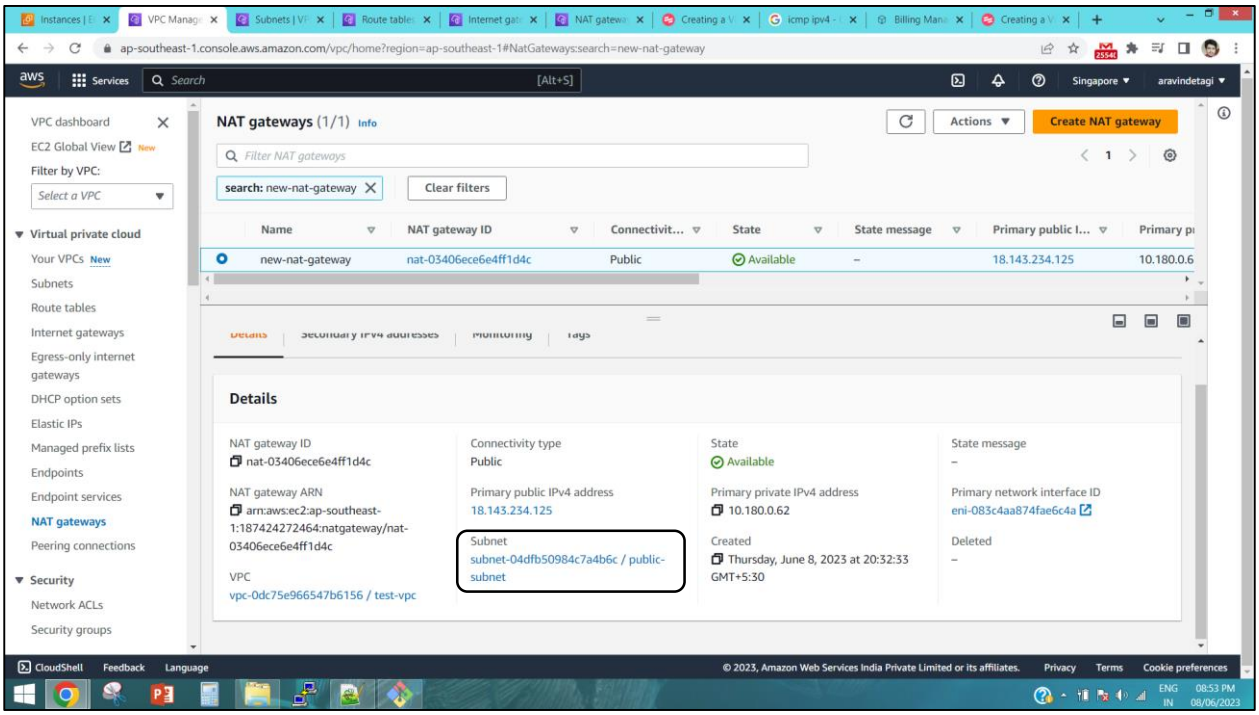




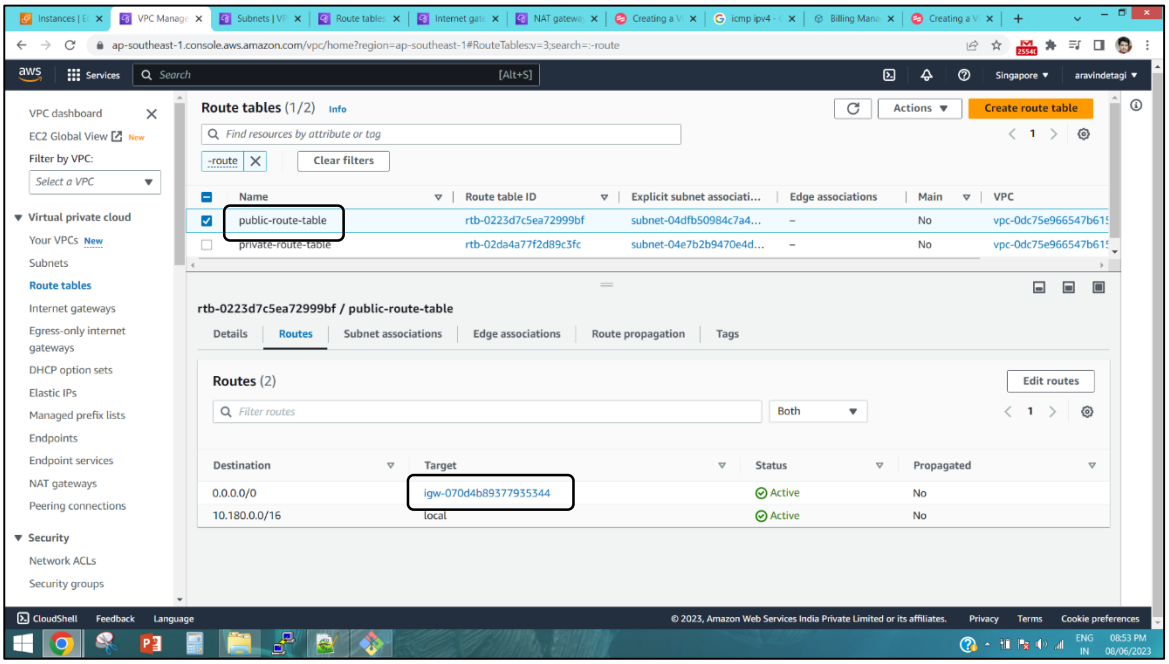
2. Created Internet gateway and attached it to VPC



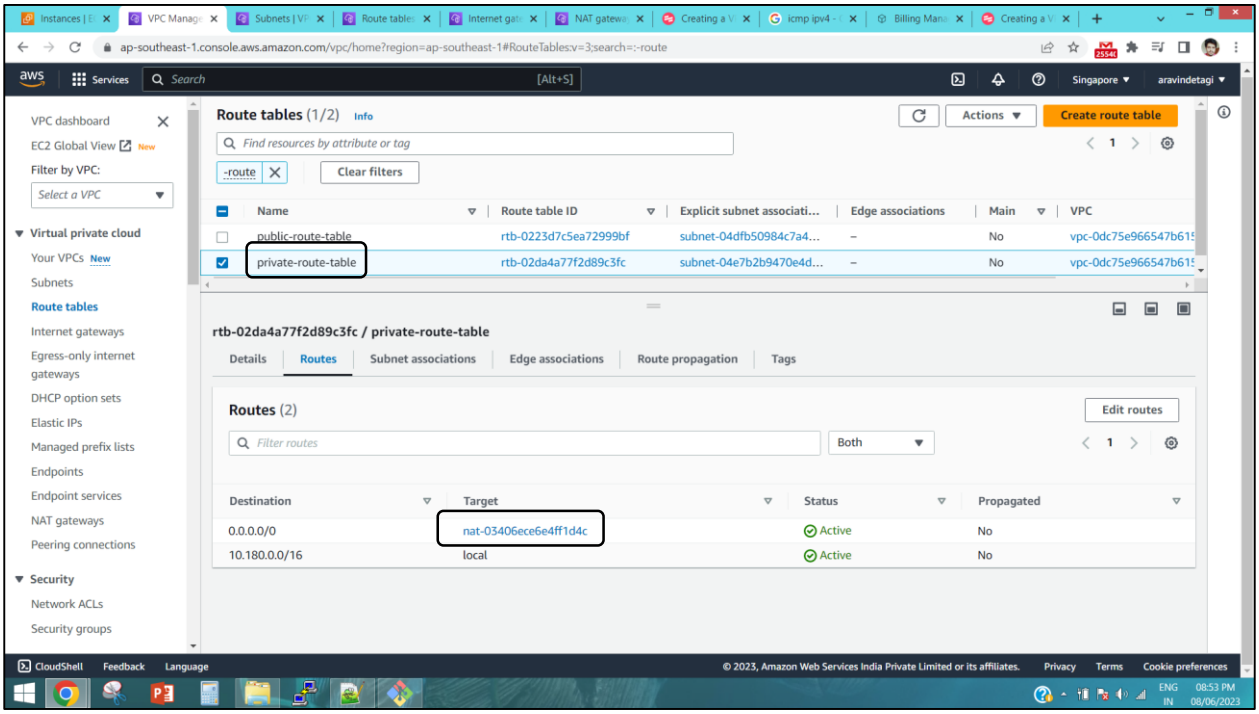
3. Created the NAT gateway attached it to public subnet



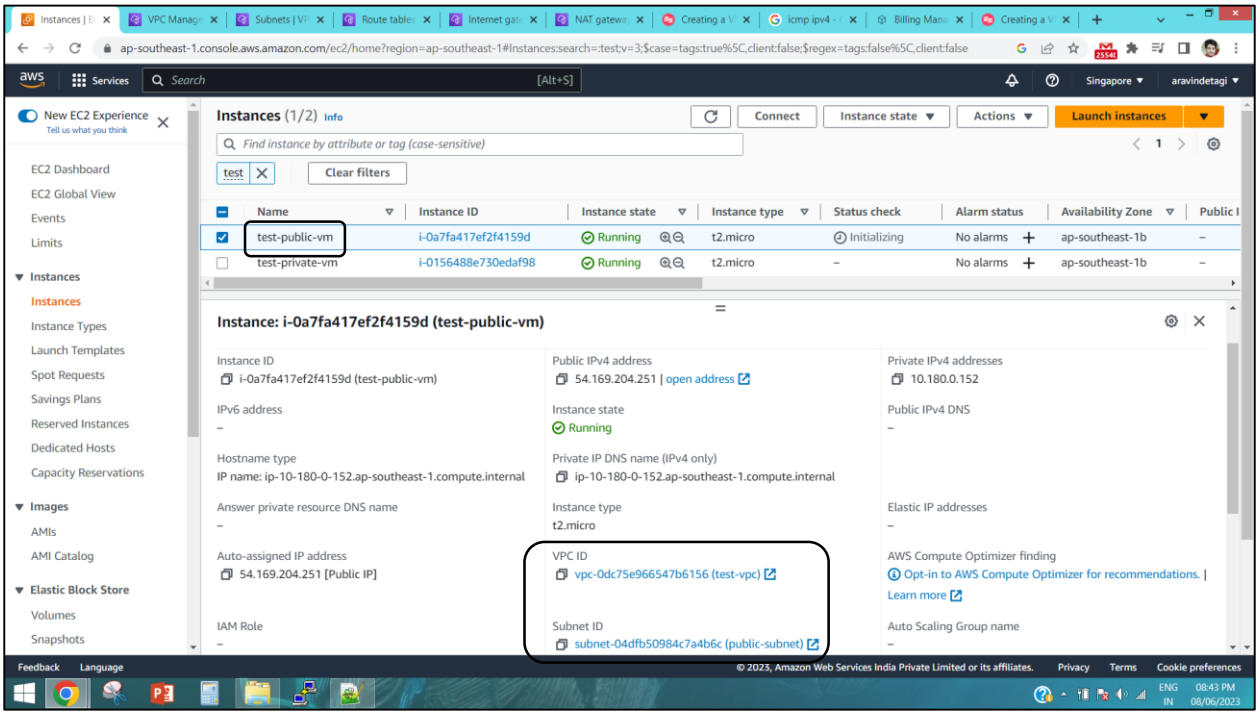
4. Created a public-route-table and created route with internet gateway

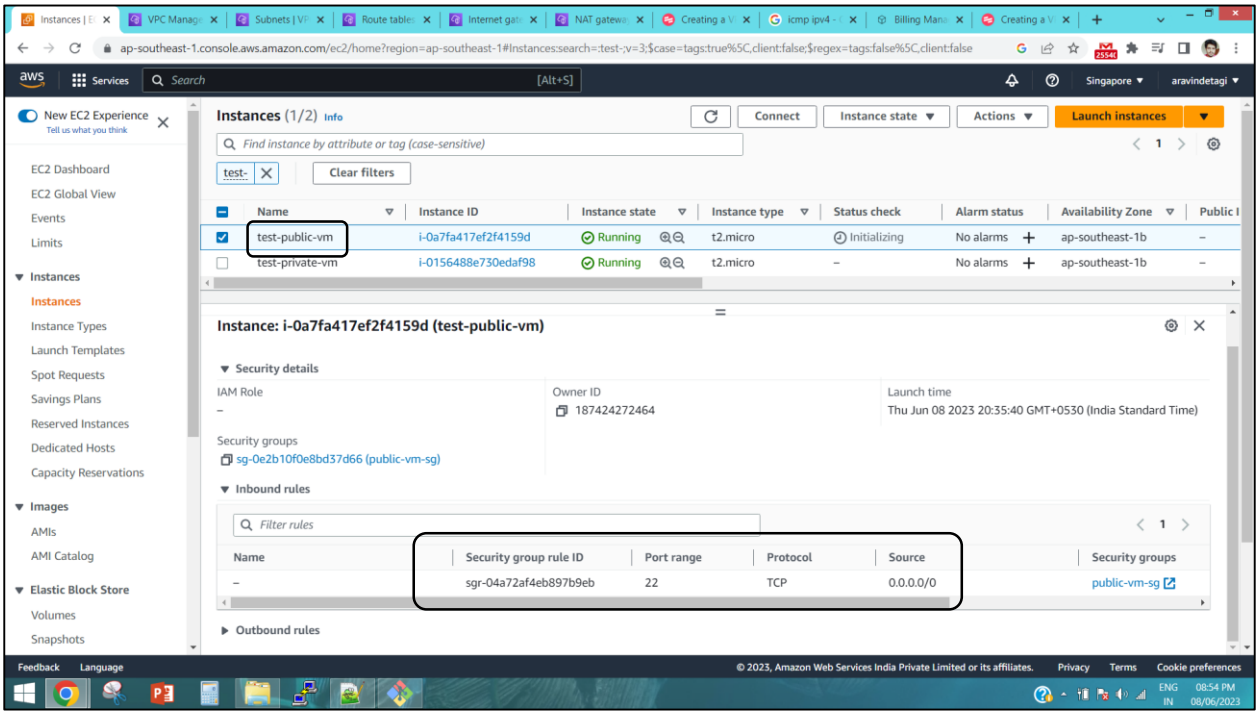


5. Created private-route-table and created route with NAT gate

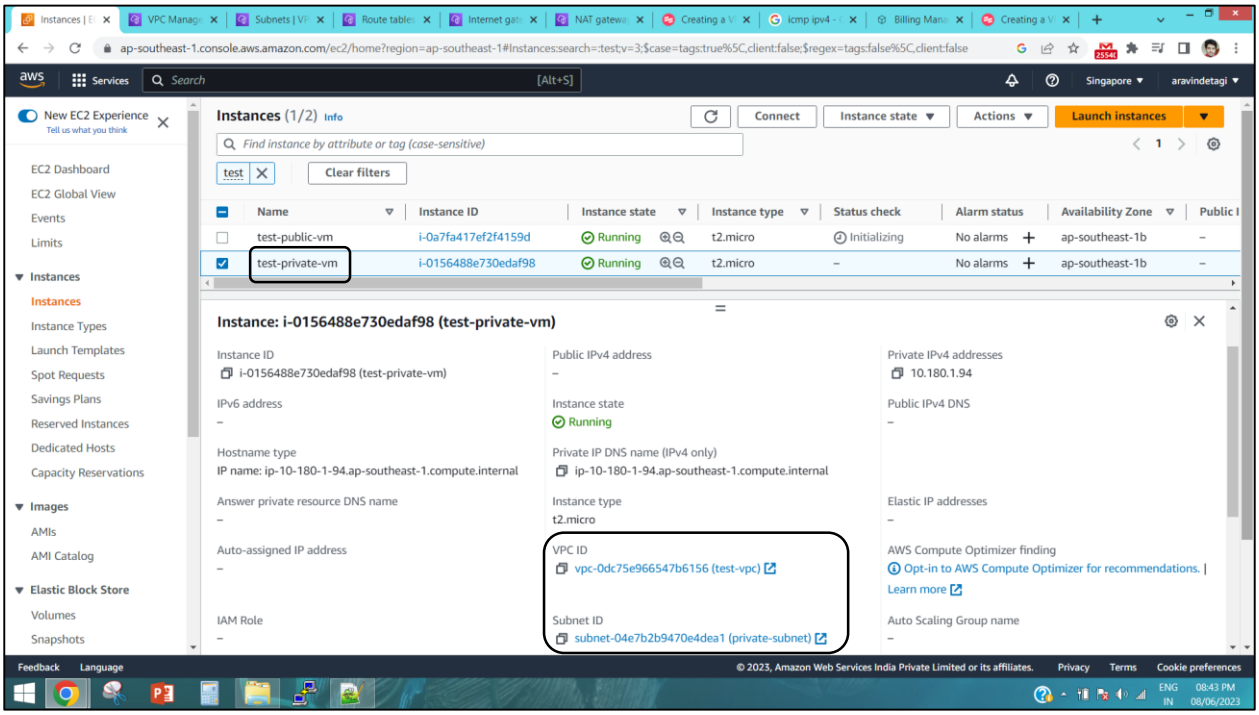


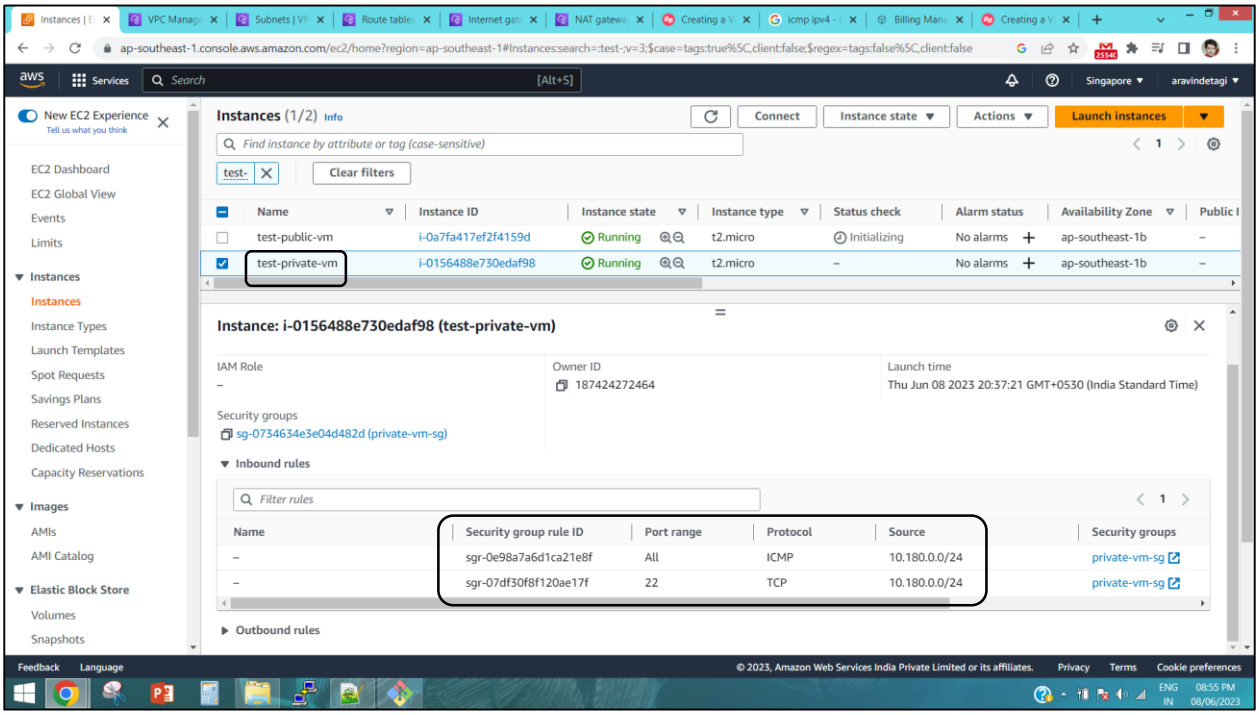
6. Created instance in public subnet



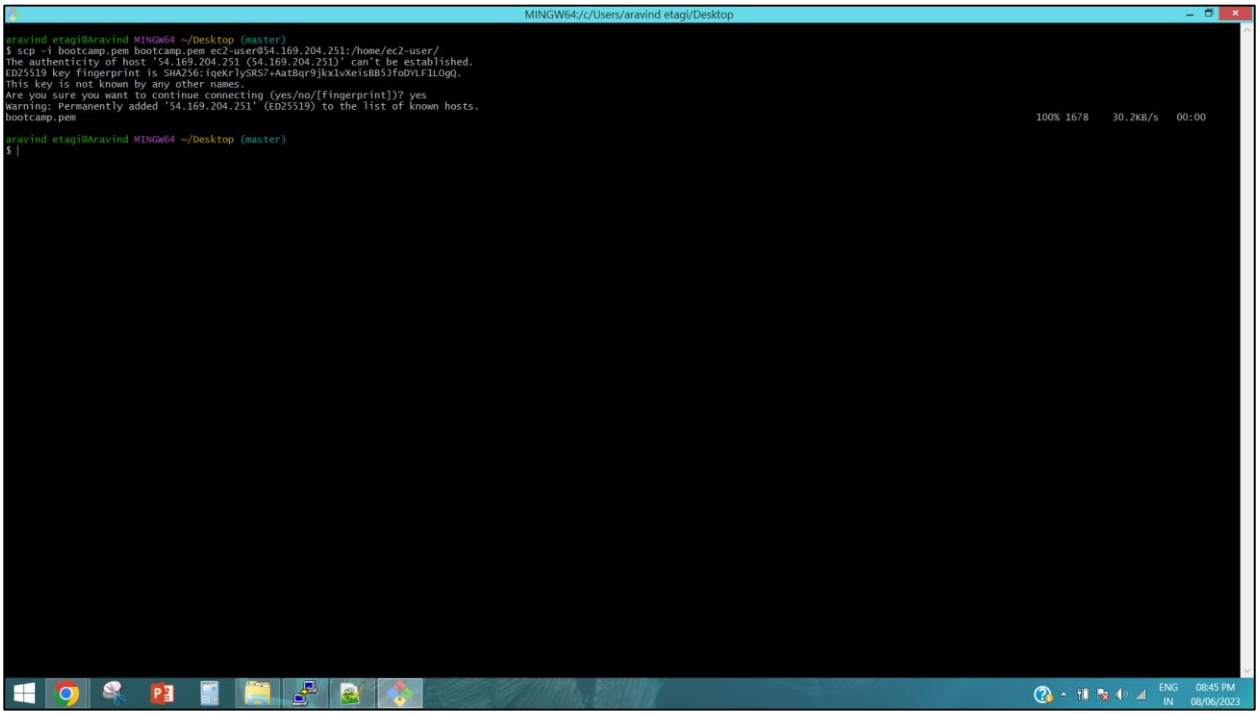


7. Created instance in private subnet and allowed traffic from private subnet CIDR





8. Copied the private key (.pem) from local machine to instance in public subnet



9. Connected to instance in private subnet through ssh from instance in public subnet