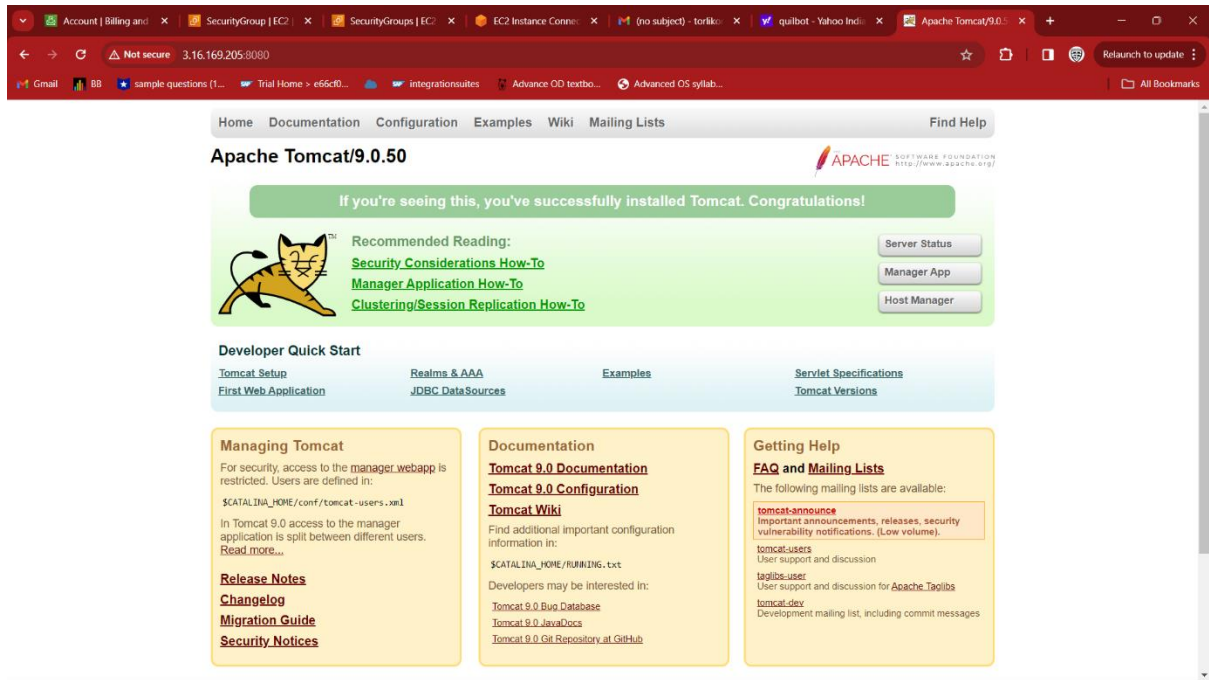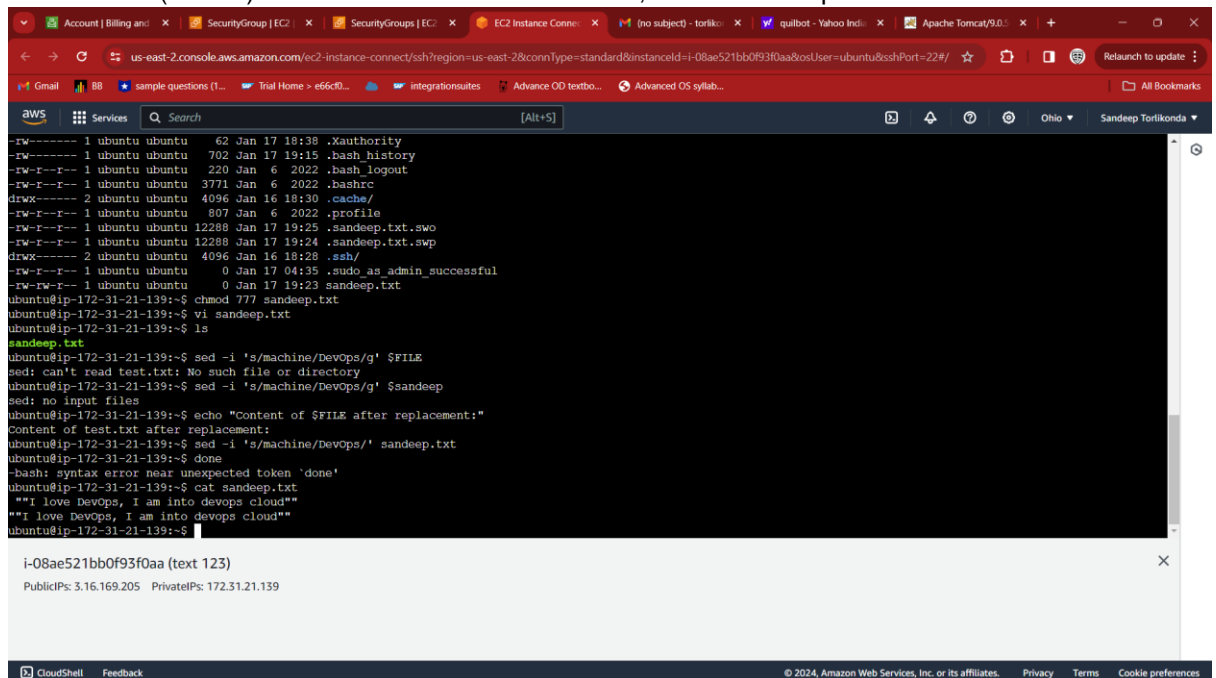1) Create a shell file which includes Installation of Tomcat 9(into new directory) and start tomcat service Execute created shell file which should install and start service

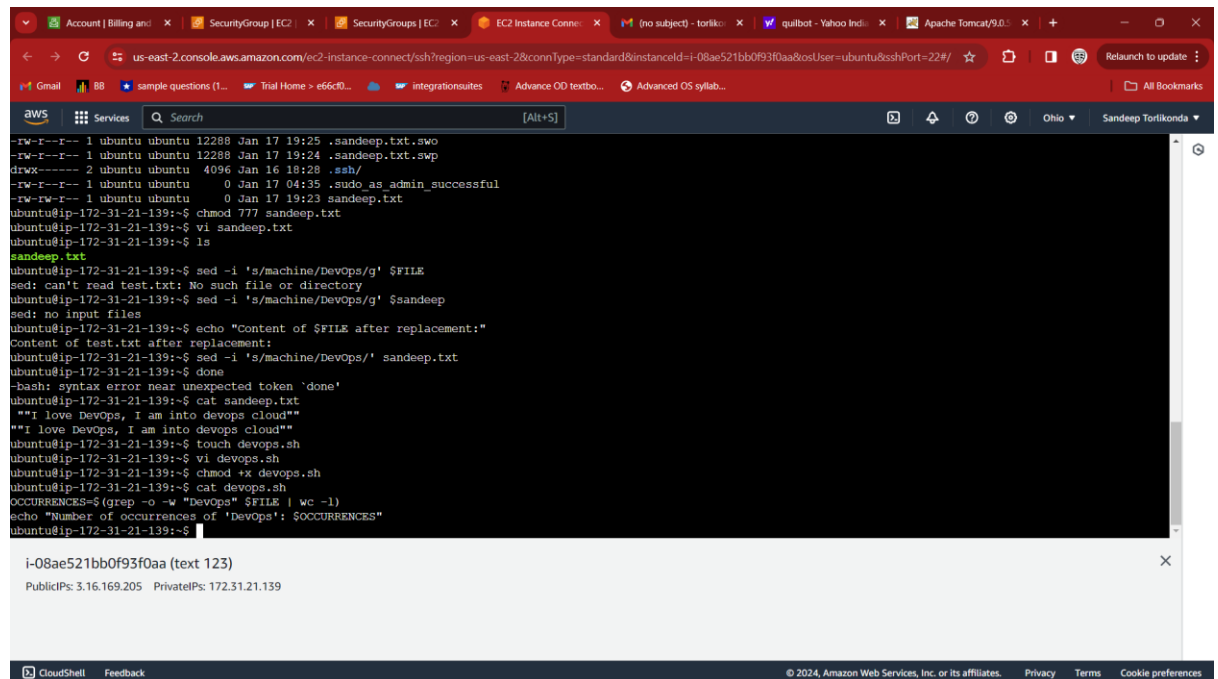   **Output**: Launch Tomcat from browser (It should launch default page)

   Note: Tomcat Requires Java as Pre-requisite and Tomcat runs on Port 8080 by default

2) Create a file (test.txt) with content as ""I love machine, I am into devops cloud""

Write a shell script which has to replace machine into DevOps in above file Then print the no of occurences of devops as output when we execute shell file.


```
-rw-r--r-- 1 ubuntu ubuntu 12288 Jan 17 19:25 .sandeep.txt.swo
-rw-r--r-- 1 ubuntu ubuntu 12288 Jan 17 19:24 .sandeep.txt.swp
drwx------ 2 ubuntu ubuntu  4096 Jan 16 18:28 .ssh/
-rw-r--r-- 1 ubuntu ubuntu     0 Jan 17 04:35 .sudo_as_admin_successful
-rw-rw-r-- 1 ubuntu ubuntu     0 Jan 17 19:23 sandeep.txt
ubuntu@ip-172-31-21-139:~$ chmod 777 sandeep.txt
ubuntu@ip-172-31-21-139:~$ vi sandeep.txt
ubuntu@ip-172-31-21-139:~$ ls
sandeep.txt
ubuntu@ip-172-31-21-139:~$ sed -i 's/machine/DevOps/g' $FILE
sed: can't read test.txt: No such file or directory
ubuntu@ip-172-31-21-139:~$ sed -i 's/machine/DevOps/g' $sandeep
sed: no input files
ubuntu@ip-172-31-21-139:~$ echo "Content of $FILE after replacement:"
Content of test.txt after replacement:
ubuntu@ip-172-31-21-139:~$ sed -i 's/machine/DevOps/' sandeep.txt
ubuntu@ip-172-31-21-139:~$ done
-bash: syntax error near unexpected token `done'
ubuntu@ip-172-31-21-139:~$ cat sandeep.txt
""I love DevOps, I am into devops cloud""
""I love DevOps, I am into devops cloud""
ubuntu@ip-172-31-21-139:~$ touch devops.sh
ubuntu@ip-172-31-21-139:~$ vi devops.sh
ubuntu@ip-172-31-21-139:~$ chmod +x devops.sh
ubuntu@ip-172-31-21-139:~$ cat devops.sh
OCCURRENCES=$(grep -o -w "DevOps" $FILE | wc -l)
echo "Number of occurrences of 'DevOps': $OCCURRENCES"
ubuntu@ip-172-31-21-139:~$
```