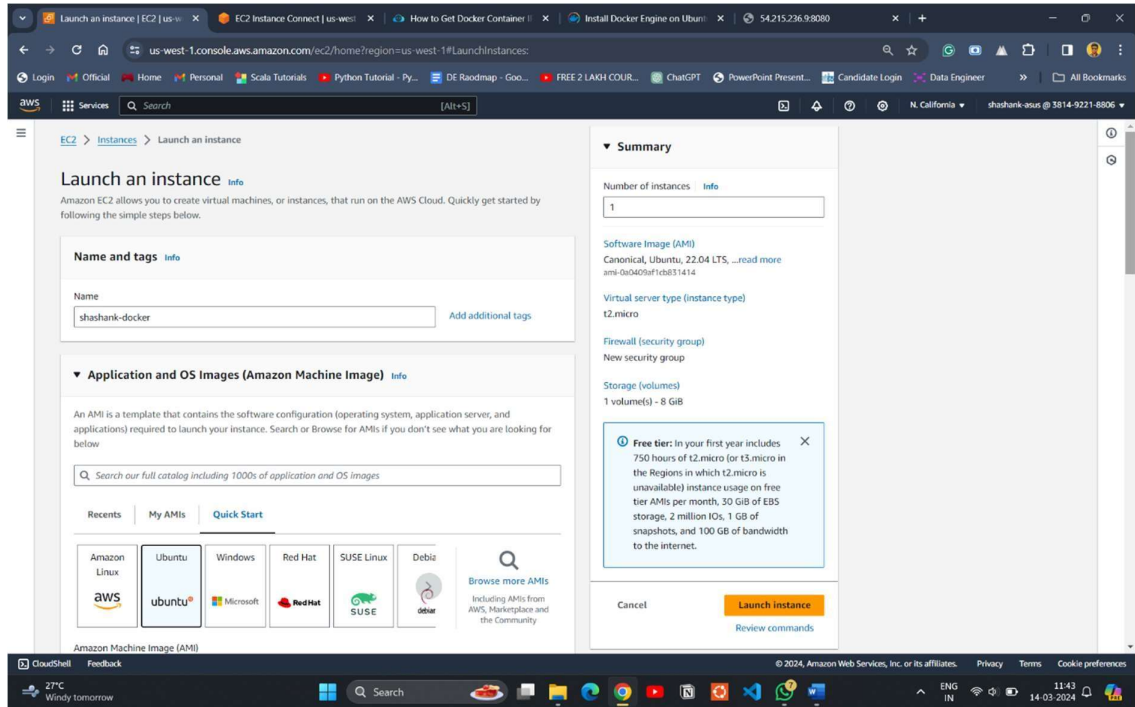


Task

Hosting student.war via docker

Name – Shashank Sharma

1. Create EC2 instance in aws and select ubuntu image.



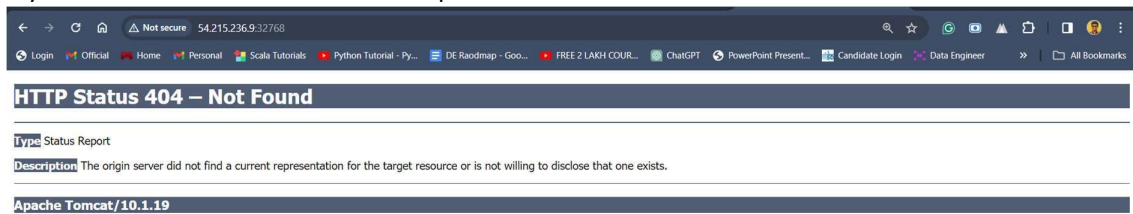
2. Install docker on your terminal.
Link - <https://docs.docker.com/engine/install/ubuntu/>
3. Create docker container and add port mapping (auto assign port number) to it using below command.

```
docker run -d -P tomcat
```

```
docker ps
```

```
root@ip-172-31-7-104:~# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
5febaeab9af    tomcat   "catalina.sh run"        23 minutes ago Up 23 minutes  0.0.0.0:32768->8080/tcp, :::32768->8080/tcp  nostalgic_lederberg
```

4. Check the weather tomcat page host or not by hitting the ip.
5. If you face same error follow below steps.



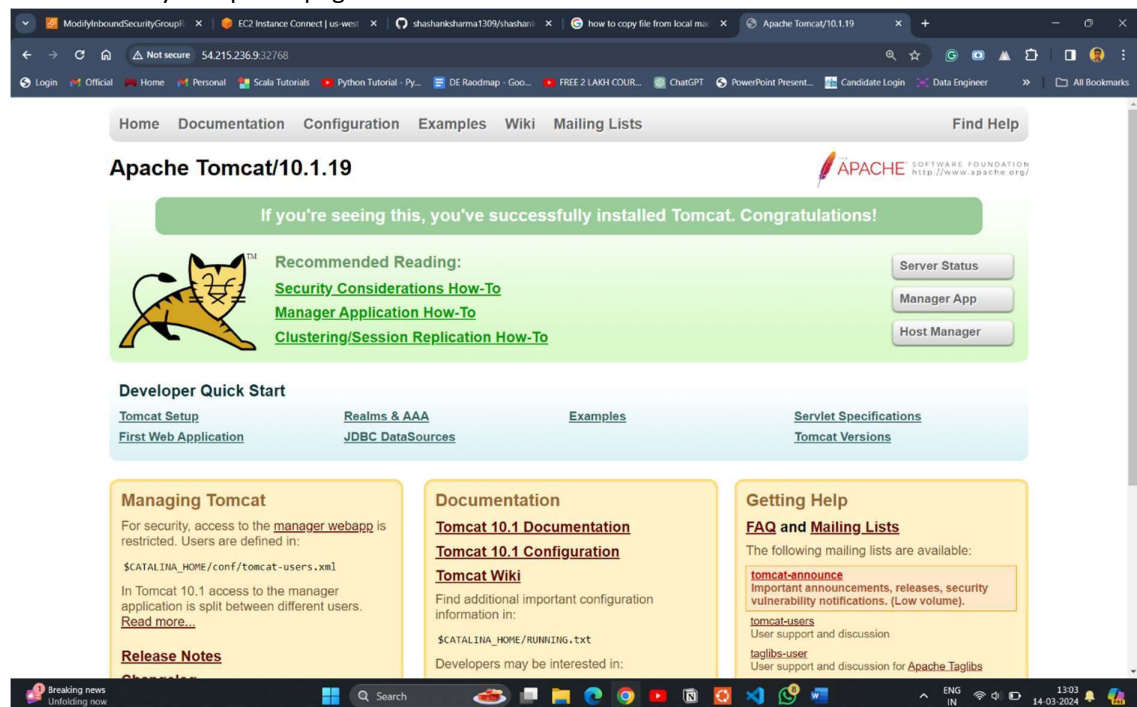
Go into the container do following commands.

```
cd webapps.dist/
```

```
cp -R * ../webapps
```

```
root@5febaeab9af:/usr/local/tomcat# cd webapps.dist/
root@5febaeab9af:/usr/local/tomcat/webapps.dist# cp -R * ../webapps
root@5febaeab9af:/usr/local/tomcat/webapps.dist#
```

Its done now your apache page is host



6. Exit from the container and move the student.war file to the terminal.

7. In my case student.war file is uploaded on my github repo.

Link - <https://github.com/shashanksharma1309/shashank.git>

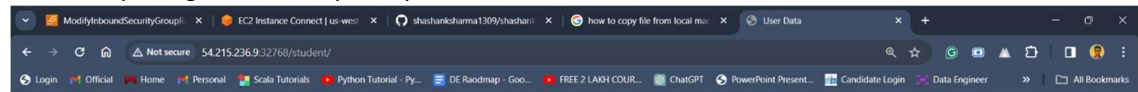
8. Copy student.war folder

To copy student.war folder you should be exit the container and run below commands.

`docker cp student.war <container id>:/usr/local/tomcat/webapps`

```
root@ip-172-31-7-104:~/shashank# docker cp student.war 5febbaeab9af:/usr/local/tomcat/webapps
```

9. After completing this hit the ip and your student.war is host.



Student Registration Form

Student Name	<input type="text"/>
Student Address	<input type="text"/>
Student Age	<input type="text"/>
Student Qualification	<input type="text"/>
Student Percentage	<input type="text"/>
Year Passed	<input type="text"/>
<input type="button" value="register"/>	

