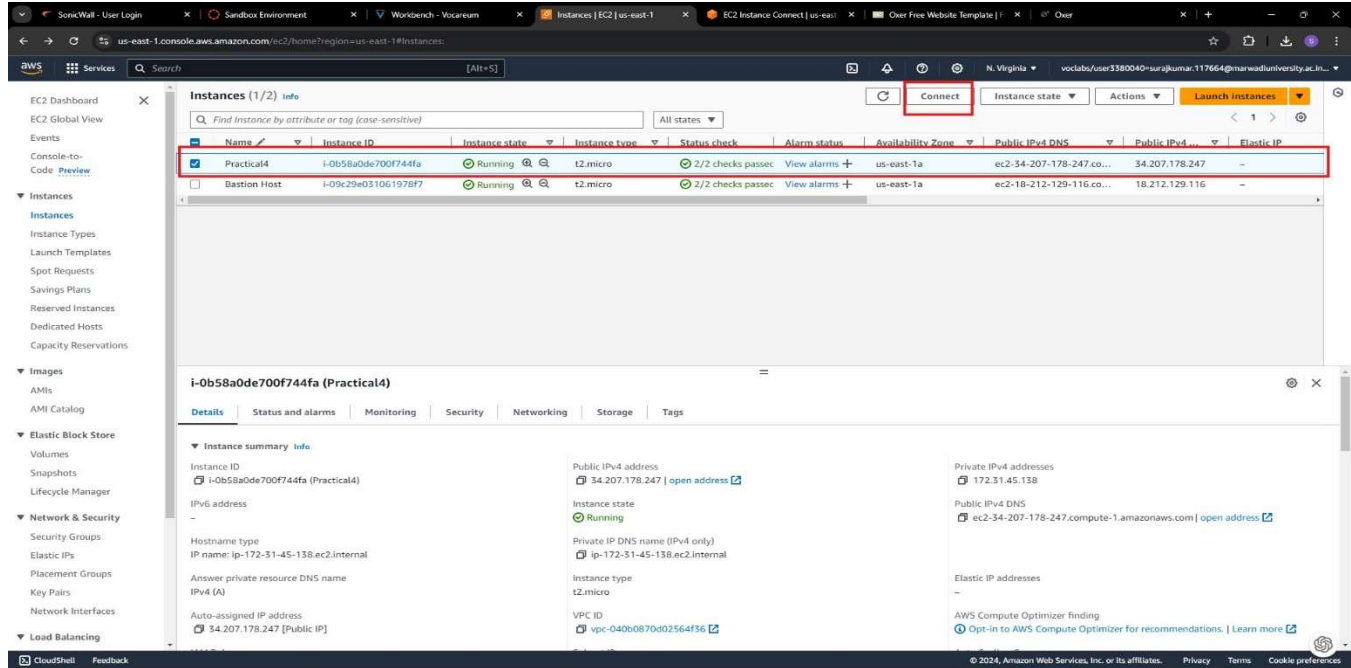


Practical-4: Deploy a Web Application on AWS.

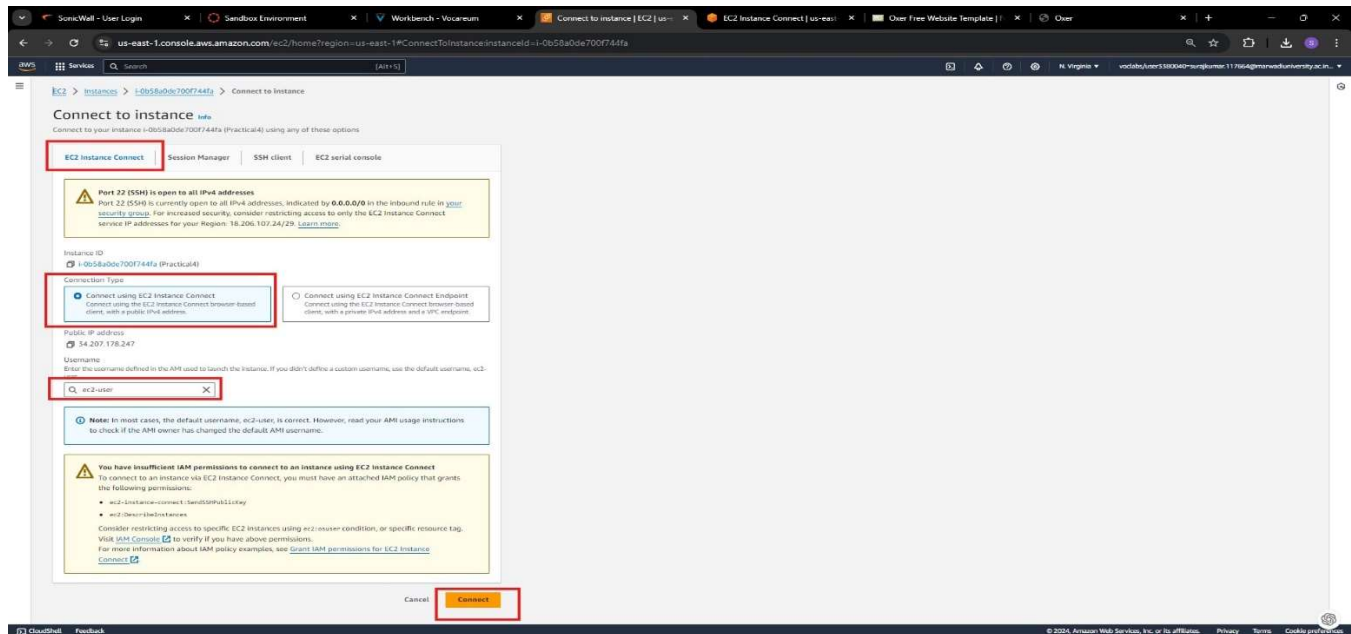
Step 01: Open your AWS > Module section > Sandbox > Load Sandbox > Start Lab > AWS > Type in search box “EC2” then click on first link > Click on “Launch Instance” then create INSTANCE after you go to “Instance Running” then click on your check box after click on “Connect”.

Screenshot:



Step 02: After open your INSTANCE then Select “EC2 Instance Connect” > then select Connection Type (Connect using EC2 Instance Connect) > Then click on “Connect”.

Screenshot:



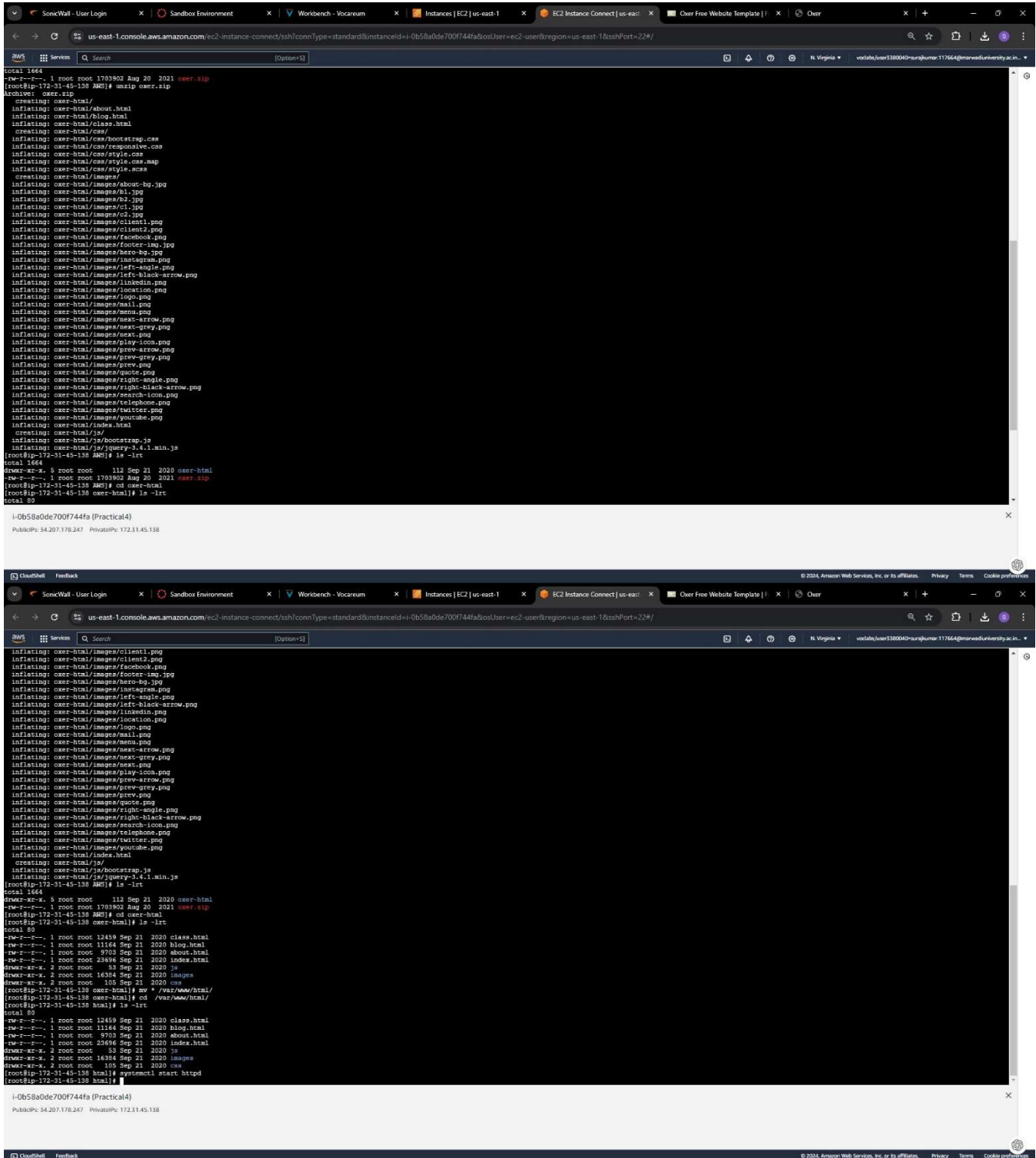
Step 03: After click on CONNECT button then after few second open a new Linux terminal > then you run some command like as –

1. `Sudo su -`
2. `Yum update`
3. `Yum install httpd`
4. `systemctl status httpd`
5. `systemctl enable httpd`
6. `mkdir AWS`
7. `cd AWS`
8. `wget paste_link` (go to your browser then search “free css template > select any templet & open and click right on download option then copy link address).
9. `ls -lrt`
10. `unzip bricker.zip`
11. `ls -lrt`
12. `cd folder_name`
13. `ls -lrt`
14. `mv * /var/www/html/`
15. `cd /var/www/html/`
16. `ls -lrt`
17. `systemctl start httpd`

Go back your INSTANCE RUNNING tab then copy your IP ADDRESS > then go new tab and paste IP ADDRESS then press enter button > after automatic open your CSS TEMPLATE.

Screenshot:

```
us-east-1.console.aws.amazon.com/ec2-instance-connect/tsh?connType=standard&instanceId=i-0b5ba0dc700f744fa&osUser=ec2-user&region=us-east-1&sshPort=22#/?ref=crd...  
Amazon Linux 2023  
-- #  
-- ##  
-- ###  
-- ####  
-- #####  
-- V<->  
-- /V->  
-- /V->  
-- /V->  
-- https://www.amazon.com/linux/amazon-linux-2023  
  
Last login: Thu Aug 8 02:24:45 2024 from 18.206.107.27  
[ec2-user@ip-172-31-45-138 ~]$ sudo su  
Last login: Thu Aug 8 02:25:45 UTC 2024 on pts/1  
[root@ip-172-31-45-138 ~]# yum update  
Last metadata expiration check: 0:26:56 ago on Thu Aug 8 02:23:09 2024.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-172-31-45-138 ~]# yum install httpd  
Last metadata expiration check: 0:26:53 ago on Thu Aug 8 02:23:09 2024.  
Package httpd-2.4.62-1.el8.amzn2023.x86_64 is already installed.  
dependencies resolved.  
Nothing to do.  
Complete!  
[root@ip-172-31-45-138 ~]# systemctl status httpd  
● httpd.service - The Apache HTTP Server  
Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: disabled)  
Active: inactive (dead)  
Docs: man:httpd.service(8)  
[root@ip-172-31-45-138 ~]# systemctl enable httpd  
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.  
[root@ip-172-31-45-138 ~]# mkdir /tmp/testdir  
mkdir: cannot create directory '/tmp/testdir': File exists  
[root@ip-172-31-45-138 ~]# cd /tmp  
[root@ip-172-31-45-138 ~]# wget --https://www.free-css.com/assets/files/free-css-templates/download/page296/osxr.zip  
https://www.free-css.com/assets/files/free-css-templates/download/page296/osxr.zip: Scheme missing.  
[root@ip-172-31-45-138 ~]# ls -lt  
total 0  
[root@ip-172-31-45-138 ~]# wget https://www.free-css.com/assets/files/free-css-templates/download/page296/osxr.zip  
--2024-08-08 02:52:10-- https://www.free-css.com/assets/files/free-css-templates/download/page296/osxr.zip  
Resolving www.free-css.com (www.free-css.com)... 217.160.0.242, 2081dbd:100ff:f00d::2bf  
Connecting to www.free-css.com (www.free-css.com) [217.160.0.242]:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: 1703902 (1.6M) [application/zip]  
Saving to: 'osxr.zip'  
  
osxr.zip      100%[=====>]   1.62M  2.03MB/s    in 0.8s  
  
2024-08-08 02:52:11 (2.03 MB/s) - 'osxr.zip' saved [1703902/1703902]  
  
[root@ip-172-31-45-138 ~]# ls -lt  
total 1664  
-rw-rw-r-- 1 root root 1703902 Aug 20 2021 osxr.zip  
[root@ip-172-31-45-138 ~]# unzip osxr.zip  
Archive: osxr.zip  
creating osxr.html/  
inflating: osxr.html/about.html  
inflating: osxr.html/blog.html  
inflating: osxr.html/cases.html
```



```

total 1664
-rw-r--r-- 1 root root 1703902 Aug 20 2021 ower.zip
[root@ip-172-31-45-130 ~]# unzip ower.zip
Archive: ower.zip
  creating: ower-html/
  inflating: ower-html/about.html
  inflating: ower-html/about.html
  inflating: ower-html/class.html
  creating: ower-html/css/
  inflating: ower-html/css/bootstrap.css
  inflating: ower-html/css/responsive.css
  inflating: ower-html/css/style.css
  inflating: ower-html/css/style.css.map
  inflating: ower-html/css/style.sass
  creating: ower-html/images/
  inflating: ower-html/images/about-bq.jpg
  inflating: ower-html/images/c1.jpg
  inflating: ower-html/images/c2.jpg
  inflating: ower-html/images/c3.jpg
  inflating: ower-html/images/client1.png
  inflating: ower-html/images/client2.png
  inflating: ower-html/images/facebook.png
  inflating: ower-html/images/footer-img.jpg
  inflating: ower-html/images/footer-bq.jpg
  inflating: ower-html/images/instagram.png
  inflating: ower-html/images/left-angle.png
  inflating: ower-html/images/left-black-arrow.png
  inflating: ower-html/images/linkedin.png
  inflating: ower-html/images/location.png
  inflating: ower-html/images/logo.png
  inflating: ower-html/images/mail.png
  inflating: ower-html/images/menu.png
  inflating: ower-html/images/next-arrow.png
  inflating: ower-html/images/next-grey.png
  inflating: ower-html/images/next.png
  inflating: ower-html/images/play-icon.png
  inflating: ower-html/images/prev-arrow.png
  inflating: ower-html/images/prev-grey.png
  inflating: ower-html/images/prev.png
  inflating: ower-html/images/quote.png
  inflating: ower-html/images/right-angle.png
  inflating: ower-html/images/right-black-arrow.png
  inflating: ower-html/images/search-icon.png
  inflating: ower-html/images/telephone.png
  inflating: ower-html/images/twitter.png
  inflating: ower-html/images/youtube.png
  inflating: ower-html/index.html
  creating: ower-html/js/
  inflating: ower-html/js/bootstrap.js
  inflating: ower-html/js/jquery-3.4.1.min.js
[root@ip-172-31-45-130 ~]# ls -l
total 1664
drwx-r-x 4 root root 112 Sep 21 2020 ower-html
-rw-r--r-- 1 root root 1703902 Aug 20 2021 ower.zip
[root@ip-172-31-45-130 ~]# cd ower-html
[root@ip-172-31-45-130 ower-html]# ls -l
total 80
-rw-r--r-- 1 root root 12459 Sep 21 2020 class.html
-rw-r--r-- 1 root root 11164 Sep 21 2020 blog.html
-rw-r--r-- 1 root root 3703 Sep 21 2020 about.html
-rw-r--r-- 1 root root 23696 Sep 21 2020 index.html
drwx-r-x 2 root root 53 Sep 21 2020 js
drwx-r-x 2 root root 16384 Sep 21 2020 images
drwx-r-x 2 root root 105 Sep 21 2020 css
[root@ip-172-31-45-130 ower-html]# mv /var/www/html/
[root@ip-172-31-45-130 ower-html]# cd /var/www/html/
[root@ip-172-31-45-130 html]# ls -l
total 80
-rw-r--r-- 1 root root 12459 Sep 21 2020 class.html
-rw-r--r-- 1 root root 11164 Sep 21 2020 blog.html
-rw-r--r-- 1 root root 3703 Sep 21 2020 about.html
-rw-r--r-- 1 root root 23696 Sep 21 2020 index.html
drwx-r-x 2 root root 53 Sep 21 2020 js
drwx-r-x 2 root root 16384 Sep 21 2020 images
drwx-r-x 2 root root 105 Sep 21 2020 css
[root@ip-172-31-45-130 html]# systemctl start httpd
[root@ip-172-31-45-130 html]#

```

i-0b58a0de700f744fa (Practical4)
PublicIP: 34.207.178.247 PrivateIP: 172.31.45.138

Open your CSS TEMPLATE look like -

