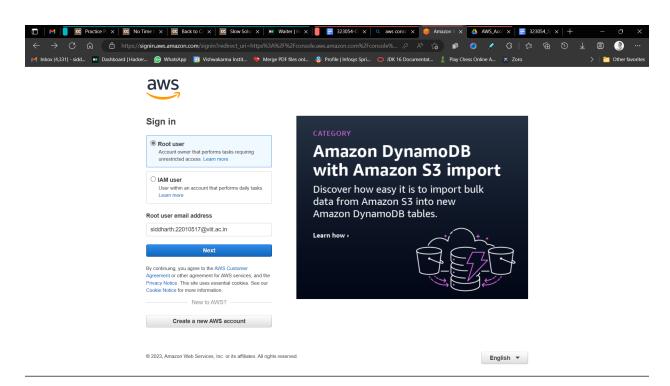
Name \rightarrow Siddharth Sutar PRN no \rightarrow 22010517 Roll no \rightarrow 323054 Subject \rightarrow CC Batch \rightarrow C3

Assignment No 3

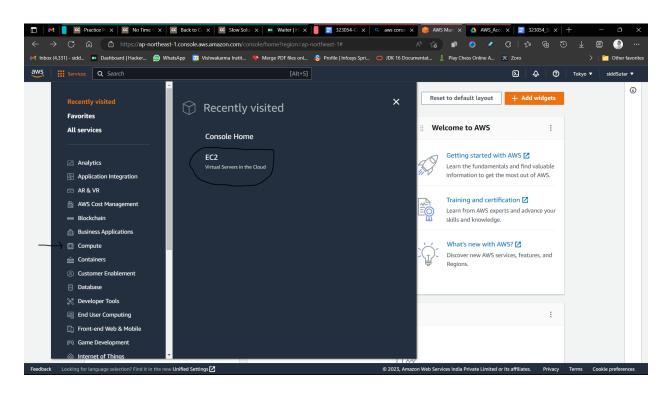
Deploy Web application on AWS Cloud (or any cloud)(PHP/Python/Node js any application)

STEP 1

→ LOGIN TO AWS



 \rightarrow Go to E2C Instance via compute or access it directly from from frequently used section



STEP 3

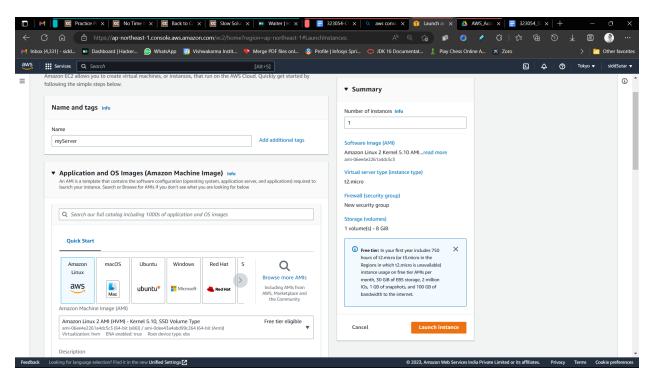
→ Configure the Instance

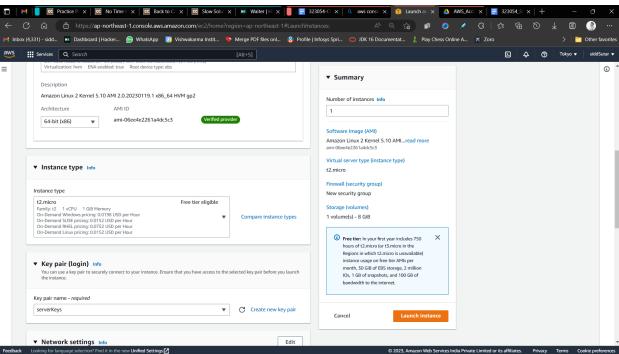
Name → Any name you like

 $OS \rightarrow aws linux$

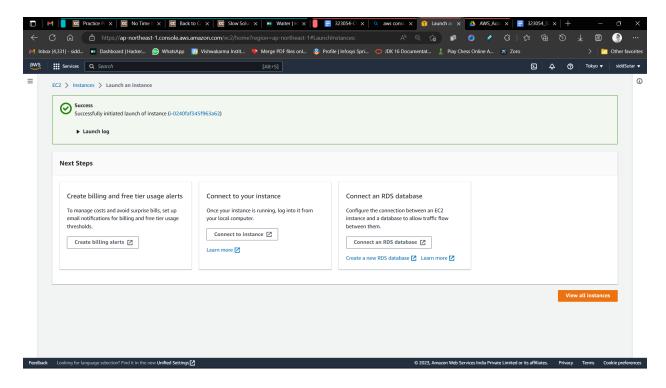
Architecture → 64 bit

Create keys (Give any name to them and download it)

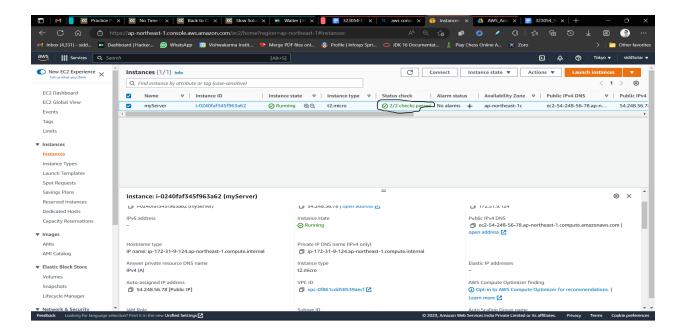




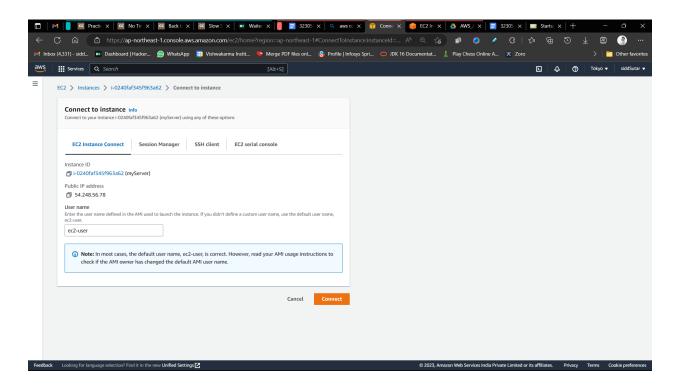
- → Launch the instance
- → After clicking at right bottom launch instance button it show look like this



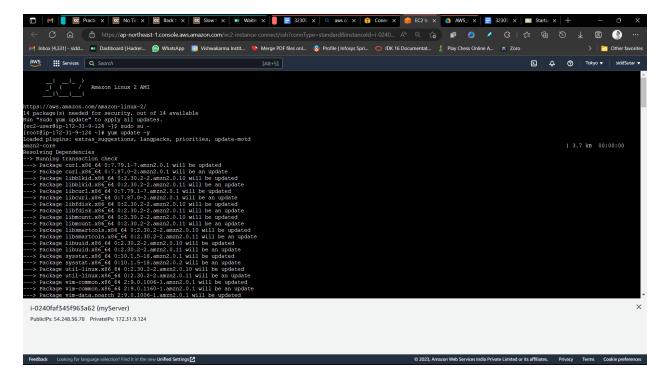
We will begin launching the instance after 2/2 status checks



→ Launch the instance (Connect to the instance)



→ This terminal window shall open



→ Put this commands in order

a) sudo su -

```
[ec2-user@ip-172-31-9-124 ~]$ sudo su -
[root@ip-172-31-9-124 ~]# yum update -y
```

b) yum update -y

```
https://aus.amazon.com/manson-linux-2/
ld packape(d) nesided for security, out of 14 available
[cc2-userEsp.17-2.19-14-12-1] subs on use [cc2-userEsp.17-2.19-14-12-1] you update you good to be provided by the company of the company
```

c) yum install -y httpd

```
[root@ip-172-31-9-124 -]# yum install -y httpd
Loaded pluyins: extras suggestions, langacks, priorities, update-motd
Resolving periods.

Processing periods.

Processing Dependency: httpd-tools = 2.4.54-1.amzn2 for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: httpd-tools = 2.4.54-1.amzn2 for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: system-logo-httpd for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: mtdp-d-filesystem or package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: httpd-filesystem for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: httpd-filesystem for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: httpd-filesystem for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: libapruli-1.so.00(64bit) for package: httpd-2.4.54-1.amzn2.x86_64

Processing Dependency: libapr
```

d) systemctl status httpd

```
[root@ip-172-31-9-124 ~] # systemctl status httpd
• httpd.service - The Apache HTTP Server
Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
Active: inactive (dead)
Docs: man:httpd.service(8)
```

e) mkdir temp | cd temp

```
[root@ip-172-31-9-124 ~] # mkdir temp
[root@ip-172-31-9-124 ~] # cd temp
[root@ip-172-31-9-124 temp] # wget https://www.free-css.com/assets/files/free-css-templates/download/page288/startup.zip
```

f) wget

https://www.free-css.com/assets/files/free-css-templates/download/page288/startup.zip

 i) As I'm no web developer so I took a template from https://www.free-css.com/free-css-templates

 i) remember to place the download link in front of wget

g) unzip startup.zip

```
root@ip-172-31-9-124 temp]# unzip startup.zip
Archive: startup.zip
inflating: startup-website-template/about.html
  inflating: startup-website-template/blog.html
  inflating: startup-website-template/contact.html
  creating: startup-website-template/css/
  inflating: startup-website-template/css/bootstrap.min.css
  inflating: startup-website-template/css/style.css
 inflating: startup-website-template/detail.html
 inflating: startup-website-template/feature.html
  creating: startup-website-template/img/
  inflating: startup-website-template/img/about.jpg
 inflating: startup-website-template/img/blog-1.jpg
inflating: startup-website-template/img/blog-2.jpg
  inflating: startup-website-template/img/blog-3.jpg
 inflating: startup-website-template/img/carousel-1.jpg
inflating: startup-website-template/img/carousel-2.jpg
  inflating: startup-website-template/img/feature.jpg
  inflating: startup-website-template/img/team-1.jpg
 inflating: startup-website-template/img/team-2.jpg inflating: startup-website-template/img/team-3.jpg
 inflating: startup-website-template/img/testimonial-1.jpg
inflating: startup-website-template/img/testimonial-2.jpg
inflating: startup-website-template/img/testimonial-3.jpg
  inflating: startup-website-template/img/testimonial-4.jpg
 inflating: startup-website-template/img/user.jpg
inflating: startup-website-template/img/vendor-1.jpg
  inflating: startup-website-template/img/vendor-2.jpg
 inflating: startup-website-template/img/vendor-3.jpg
inflating: startup-website-template/img/vendor-4.jpg
```

h) cd startup-website-template/

```
[root@ip-172-31-9-124 temp] # cd startup-website-template/
[root@ip-172-31-9-124 startup-website-template] # ls-lrt
-bash: ls-lrt: command not found
[root@ip-172-31-9-124 startup-website-template] # ls -lrt
total 400
-rw-r--r-- 1 root root 89601 Jul 27 2021 startup-website-template.jpg
-rw-r--r-- 1 root root 538 Aug 11 2021 READ-ME.txt
drwxr-xr-x 8 root root 99 Aug 11 2021 lib
drwxr-xr-x 2 root root 21 Aug 11 2021 js
drwxr-xr-x 2 root root 4096 Aug 11 2021 img
```

i) mv * /var/www/html/

```
[root@ip-172-31-9-124 startup-website-template]# mv * /var/www/html/
```

j) cd /var/www/html/

```
[root@ip-172-31-9-124 startup-website-template]# cd /var/www/html/
[root@ip-172-31-9-124 html]# ls -lrt
total 400
-rw-r--r- 1 root root 89601 Jul 27 2021 startup-website-template.jpg
                       538 Aug 11 2021 READ-ME.txt
99 Aug 11 2021 lib
-rw-r--r-- 1 root root
drwxr-xr-x 8 root root
drwxr-xr-x 2 root root
                          21 Aug 11
                                     2021 js
drwxr-xr-x 2 root root 4096 Aug 11
                                     2021 img
drwxr-xr-x 2 root root
                        48 Aug 11
                                     2021 css
-rw-r--r-- 1 root root 1456 Aug 16 2021 LICENSE.txt
-rw-r--r-- 1 root root 22799 Oct 19 2021 about.html
-rw-r--r-- 1 root root 38423 Oct 19 2021 blog.html
-rw-r--r-- 1 root root 20237 Oct 19 2021 contact.html
rw-r--r-- 1 root root 30401 Oct 19 2021 detail.html
 rw-r--r-- 1 root root 19294 Oct 19
                                     2021 testimonial.html
```

k) Is -Irt

```
[root@ip-172-31-9-124 html]# ls -lrt
total 400
 rw-r--r-- 1 root root 89601 Jul 27 2021 startup-website-template.jpg
 rw-r--r-- 1 root root
                             538 Aug 11 2021 READ-ME.txt
drwxr-xr-x 8 root root
                              99 Aug 11
                                            2021 lib
drwxr-xr-x 2 root root
                              21 Aug 11
                                           2021 js
drwxr-xr-x 2 root root
                            4096 Aug 11
                                           2021 img
                             48 Aug 11
drwxr-xr-x 2 root root
                                           2021 css
-rw-r--r-- 1 root root 1456 Aug 16 2021 LICENSE.txt
-rw-r--r-- 1 root root 22799 Oct 19 2021 about.html
-rw-r--r-- 1 root root 38423 Oct 19 2021 blog.html
-rw-r--r-- 1 root root 20237 Oct 19
                                            2021 contact.html
 rw-r--r-- 1 root root 30401 Oct 19
                                           2021 detail.html
 rw-r--r-- 1 root root 19294 Oct 19
                                           2021 testimonial.html
-rw-r--r-- 1 root root 19029 Oct 19 2021 feature.html
 rw-r--r-- 1 root root 52988 Oct 19 2021 index.html
rw-r--r-- 1 root root 24975 Oct 19
                                           2021 price.html
-rw-r--r-- 1 root root 19602 Oct 19 2021 quote.html
-rw-r--r-- 1 root root 24329 Oct 19 2021 service.html
-rw-r--r-- 1 root root 20123 Oct 19 2021 team.html
```

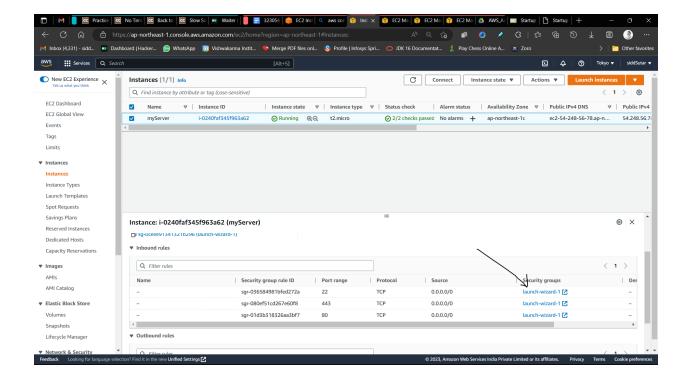
systemctl enable httpd | systemctl start httpd

```
[root@ip-172-31-9-124 html]# systemctl enable httpd
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to /usr/lib/systemd/system/httpd.service.
[root@ip-172-31-9-124 html]# system start httpd
-bash: system: command not found
[root@ip-172-31-9-124 html]# sysytemctl start httpd
-bash: sysytemctl: command not found
[root@ip-172-31-9-124 html]# sytemctl start httpd
-bash: sytemctl: command not found
[root@ip-172-31-9-124 html]# sytemctl start httpd
-bash: sytemctl: command not found
[root@ip-172-31-9-124 html]# systemctl start httpd
-bash: sytemctl: command not found
```

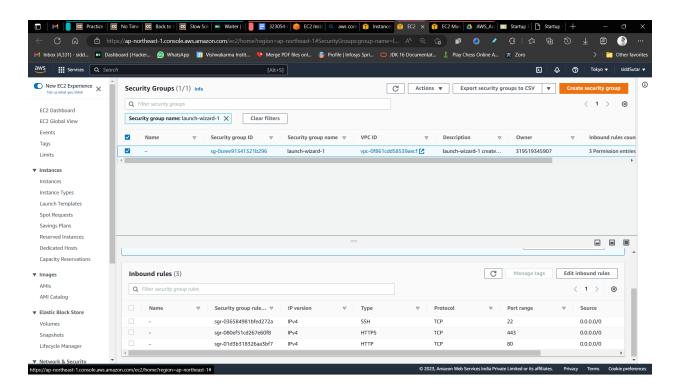
m) systemctl status httpd

STEP 6

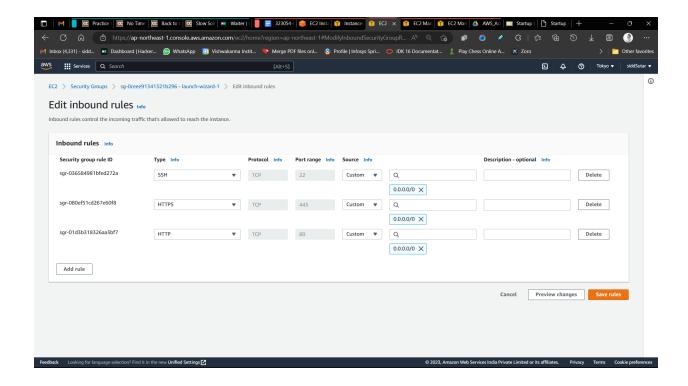
→ Change the inbound rules from security by simply clicking on launch wizard first



→ Click on edit inbound rules



 \rightarrow Add HTTP and HTTPS like the configuration given below



→ Copy and paste the public IP to the browser to see the web template hosted



→ Stop the instance & terminate it

