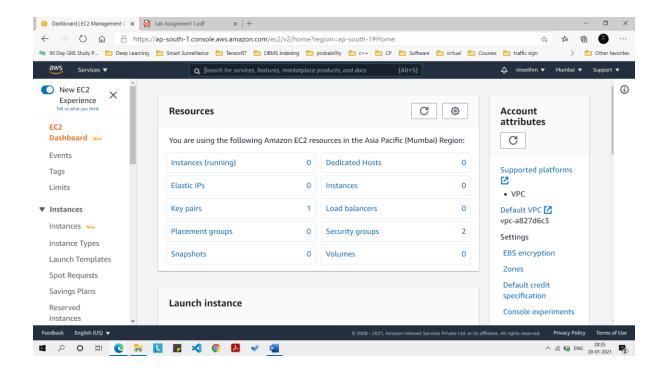
Lab Assignment – 01

Task 1: Create AWS Free Tier personal account.

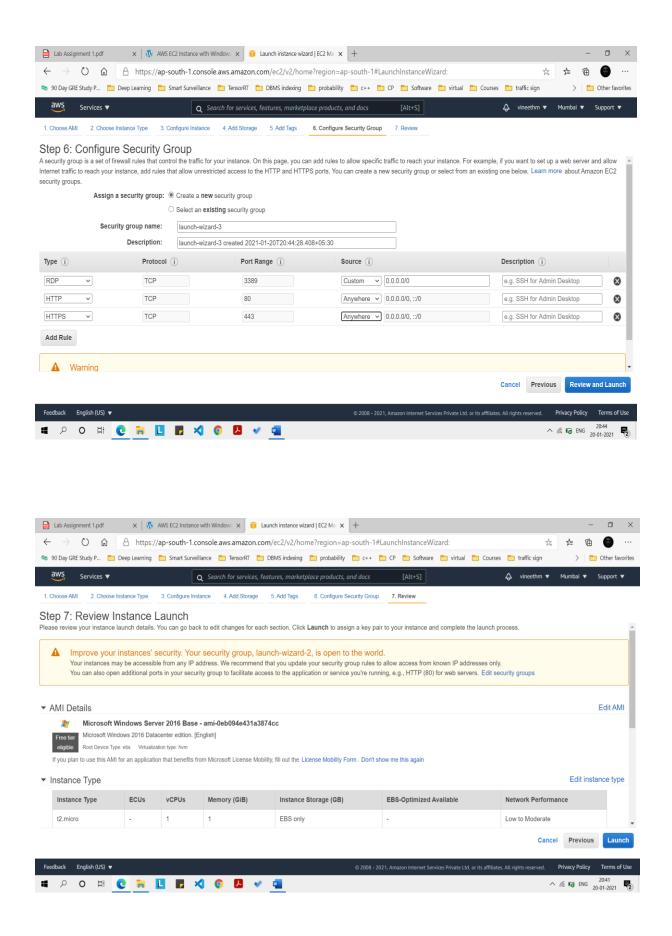


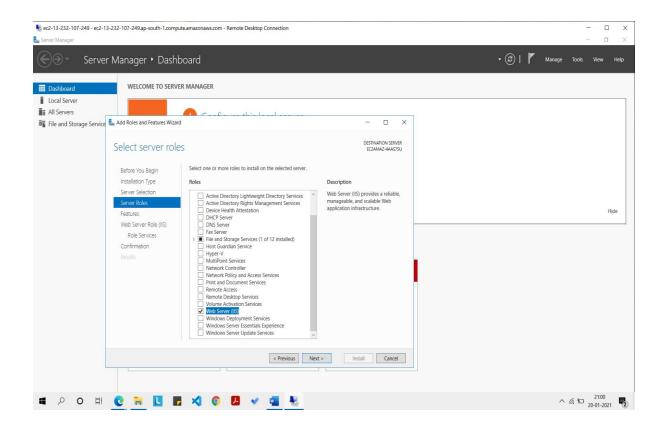
Task 2: Review the AWS services and Account, Billing, cost dashboard etc.

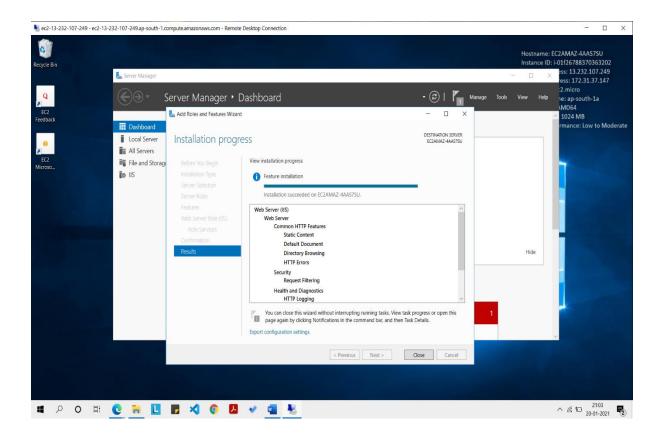
Explored all the above mentioned activities and spent 30 mins exploring them.

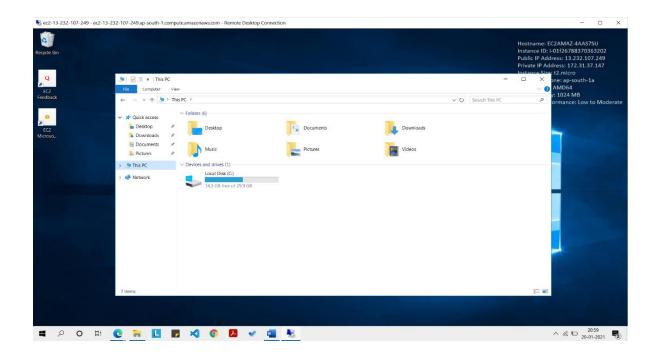
Task 3: Launch, connect and install EC2 IIS webserver and host a static HTML web page.

Reference link: http://fredericpaladin.com/kb/aws-ec2-instance-with-windows-server-iis-web-server/

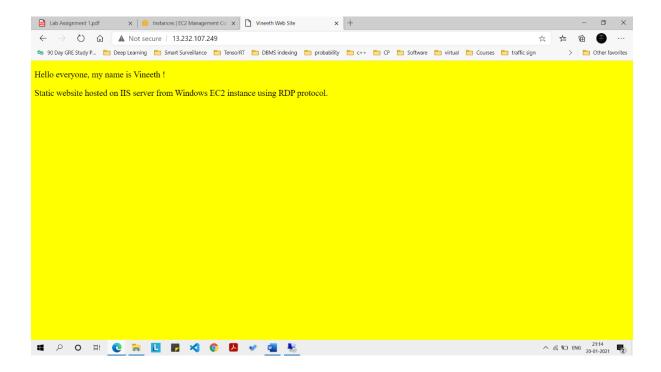








Hosting of the static webiste in the IIS server and accessing it via the public ipv4 address.



Task 4: Working with AWS command line and perform start, stop, and terminate EC2 instance using the CLI.

```
C:\Users\vinee>aws --version
aws-cli/2.1.20 Python/3.7.9 Windows/10 exe/AMD64 prompt/off
C:\Users\vinee>
```

Terminating the Windows EC2 instance using AWS CLI.

Confirmation.



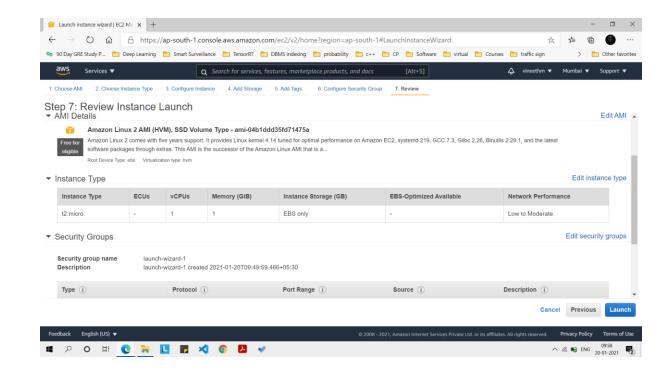
Task 6: Launch the AWS Linux instance and connect it using PuTTy.

Reference article:

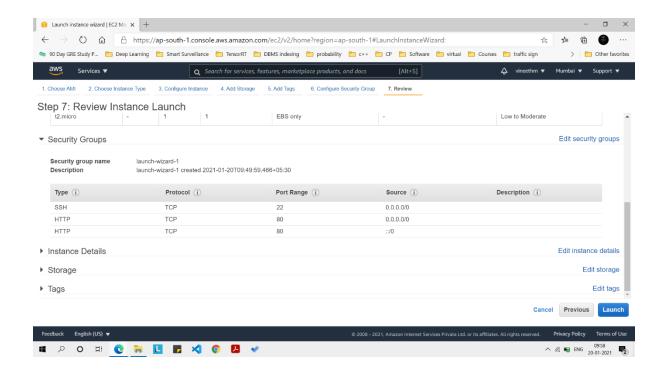
https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/putty.html

Screenshots:

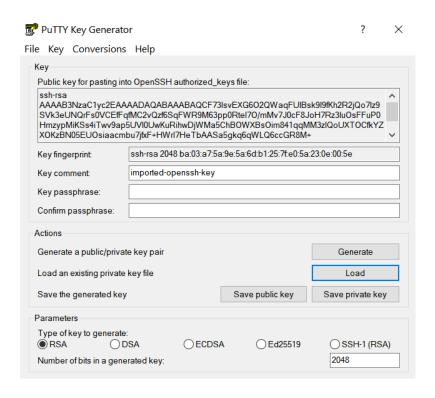
1) Creation of Amazon EC2 Linux instance.



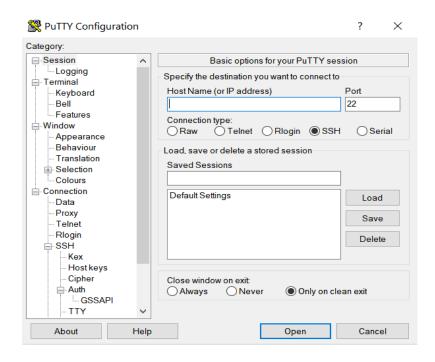
2) Add the HTTP protocol to access the webpage (apache server welcome page)



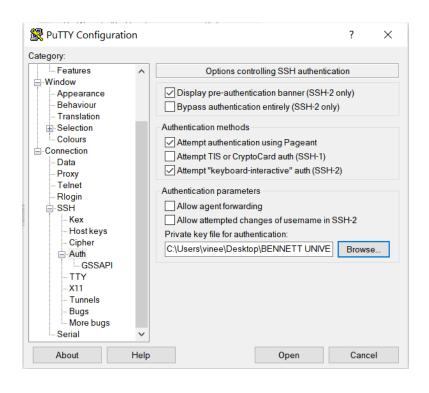
3) Convert the private key file (.pem) to (.ppk) using PuTTYgen.



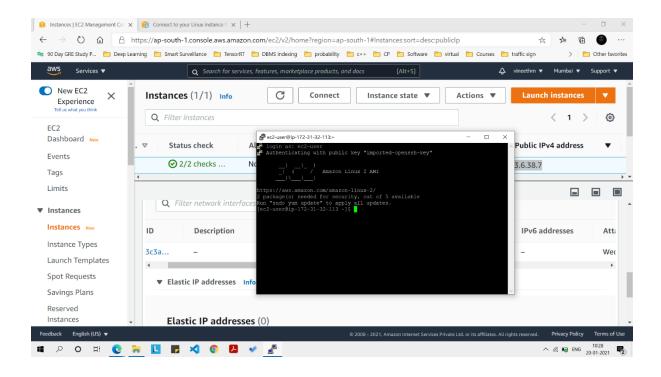
4) Open the PuTTY and copy the host address (public ipv4)



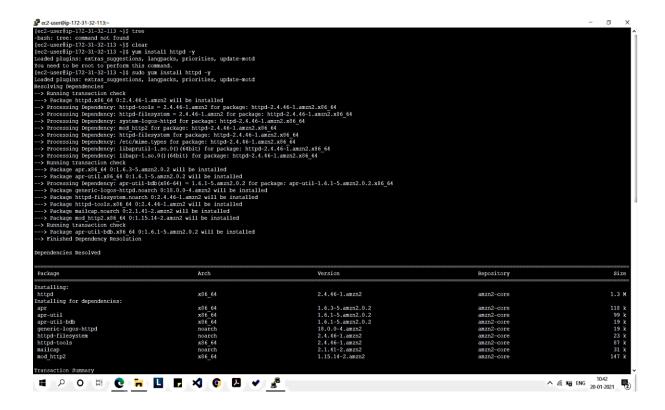
5) In the SSH, under Auth load the key(.ppk file)

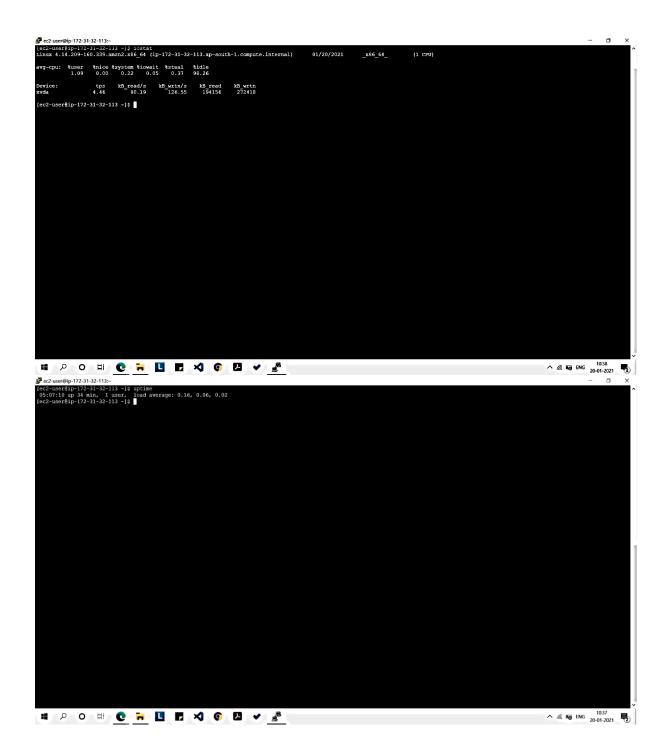


6) Now the connection to the Linux server is established.



7) Run some commands on the linux terminal.





```
# er2-user@in-172-31-32-113:-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     О
                  user@pl/241424185-
user@pl/243-3-22-113 -|$ sudo apt-get update
apt-get: command not found
seser%pl/2-31-32-113 -|$ clear
seser%pl/2-31-32-113 -|$ sudo yum update
pluqinie setros_suggestions, langpacks, priorities, update-motd
                         Dependencies

Dependencies

Ing transaction check

age chrony.x86.54 03.2-1.amzzn2.0.5 will be updated

age chrony.x86.54 03.3.2-1.amzzn2.0.1 will be an update

assing Dependency: linnettle.so.4()(6fbit) for package: chrony-3.5.1-1.amzzn2.0.1.x86.64

age cloud-init.noarch 0:19.3-1.amzzn will be updated

age cloud-init.noarch 0:19.3-1.amzzn will be updated

age cloud-init.noarch 0:19.3-1.amzzn will be an update

kage pl1-kit.x86.64 0:0.23.22-1.amzn2.0.1 will be updated

kage pl1-kit.trust.x86.64 0:0.23.22-1.amzzn2.0.1 will be updated

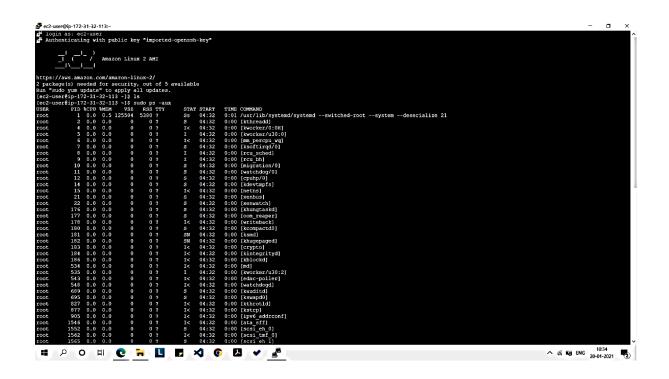
kage pl1-kit-trust.x86.64 0:0.23.22-1.amzzn2.0.1 will be updated

kage transaction.0:0:0203-1.amzz will be updated

kage transaction.0:0:0203-1.amzz will be updated

kage transaction check

Age transaction check
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3.7 kB 00:00:00
     ependencies Resolved
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Size
                                                                                                                                                                                                                                                                                   Version
   Opdating:
chrony
cloud-init
pl1-kit
pl1-kit-trust
                                                                                                                                                    x86_64
noarch
x86_64
x86_64
noarch
                                                                                                                                                                                                                                                                                   3.5.1-1.amzn2.0.1
19.3-4.amzn2
0.23.22-1.amzn2.0.1
0.23.22-1.amzn2.0.1
2020d-2.amzn2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           329 k
                                                                                                                                                    x86 64
                                                                                                                                                                                                                                                                                  2.7.1-8.amzn2.0.2
                       ( 1 Dependent package)
5 Packages
Total download size: 2.4 M
In this ok [y/d/N]: y
Downloading packages:
Delta RPMs disabled because /usr/bin/applydeltarpm not installed.
(1/6): chroy=3.5,1-1.aman2.0,1.x86.64.rpm
(2/6): cloud-init-19.3-4.aman2.noarch.rpm
(3/6): nettle-2.7.1-8.aman2.0.2.x86.64.rpm
(4/6): pl1-kit-0.23.22-1.aman2.0.1.x86.64.rpm
  # P O H C = U T X © 2 Y *
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ^ (% ENG ENG 20-01-2021
```



Run the below command to start the server and see the apache server welcome page.

