

Windows-windows-linux

Step 1: launch 2 instances

1st instance: Windows instance (windows1)

2nd instance: linux instance with .ppk file (linux-demo)

<input type="checkbox"/>	windows1	i-0c864d67c50ce428f	Running	t2.micro	2/2 checks passed	No alarms	+	us-east-1
<input type="checkbox"/>	rohan	i-0218a20c418a06fca	Terminated	t2.micro	-	No alarms	+	us-east-1
<input type="checkbox"/>	linux-demo	i-034acad23ebb3a537	Running	t2.micro	2/2 checks passed	No alarms	+	us-east-1

Click on windows checkbox and click on connect

Instances (1/5) Info								Connect	Instance state ▼	Actions ▼	Launch instances ▼
Find instance by attribute or tag (case-sensitive)											
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability zone				
<input type="checkbox"/>	source12	i-03c16cddaebdeb3c	Terminated	t2.micro	-	No alarms	us-east-1				
<input checked="" type="checkbox"/>	windows1	i-0c864d67c50ce428f	Running	t2.micro	2/2 checks passed	No alarms	us-east-1				
<input type="checkbox"/>	rohan	i-0218a20c418a06fca	Terminated	t2.micro	-	No alarms	us-east-1				
<input type="checkbox"/>	linux-demo	i-034acad23ebb3a537	Running	t2.micro	2/2 checks passed	No alarms	us-east-1				

Click on RDP client and download remote desktop file

Connect to instance Info

Connect to your instance i-0c864d67c50ce428f (windows1) using any of these options

Session Manager

RDP client

EC2 serial console

Instance ID

i-0c864d67c50ce428f (windows1)

Connection Type

☒ Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

☐ Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download remote desktop file

Go down and click on get password

 **Download remote desktop file**

When prompted, connect to your instance using the following details:

Public DNS

 ec2-3-82-248-75.compute-1.amazonaws.com

User name

 Administrator

Password **Get password**

Click on upload private key file

Get Windows password [Info](#)

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID

 i-0c864d67c50ce428f (windows1)

Key pair associated with this instance

 windows12

Private key

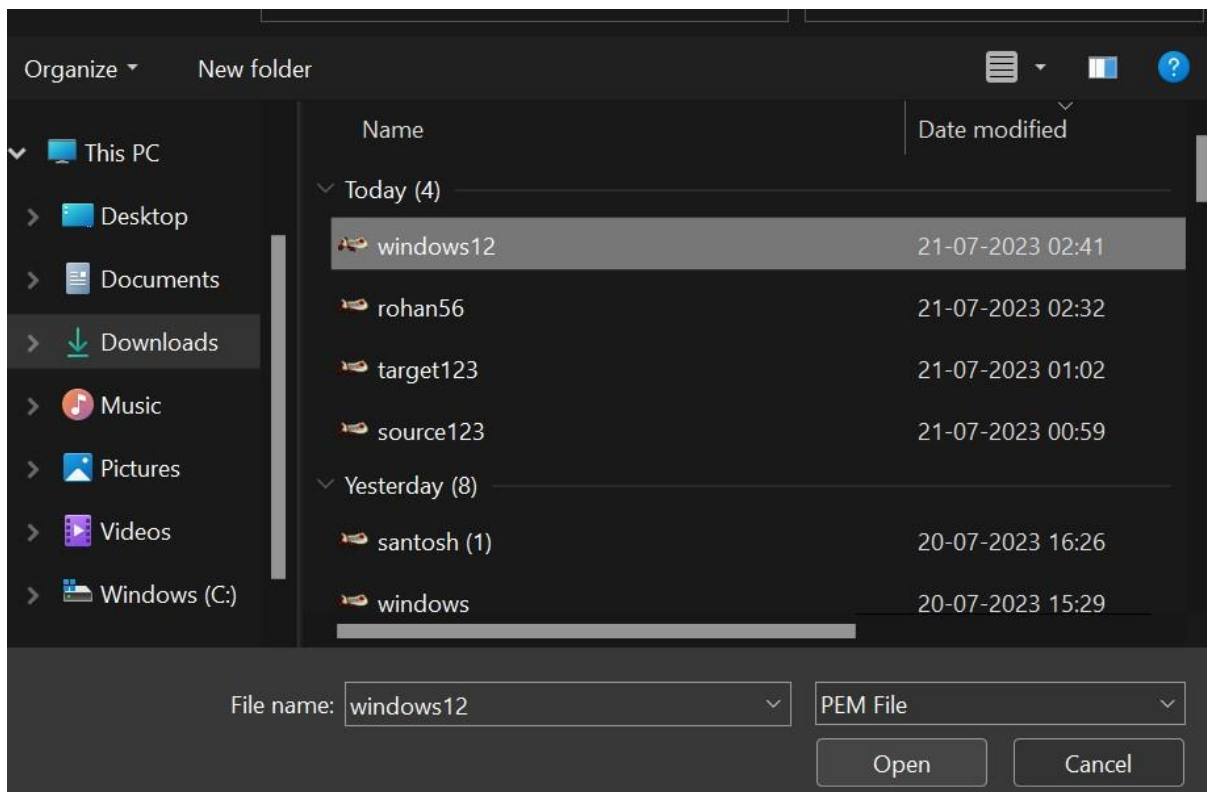
Either upload your private key file or copy and paste its contents into the field below.

 **Upload private key file**

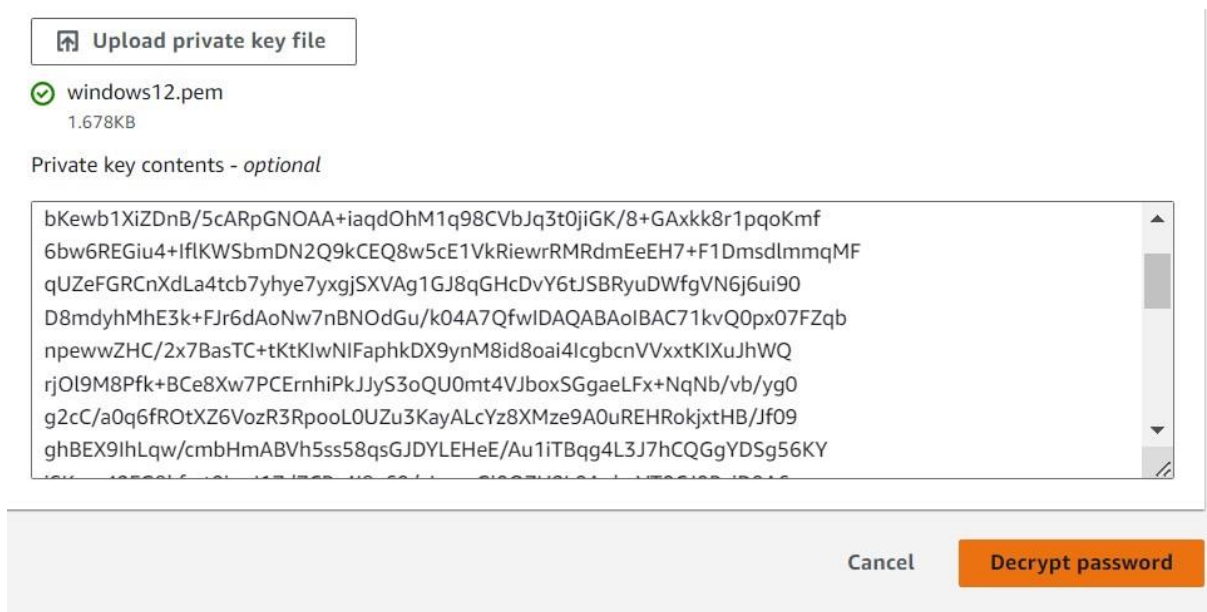
Private key contents - *optional*

Private key contents

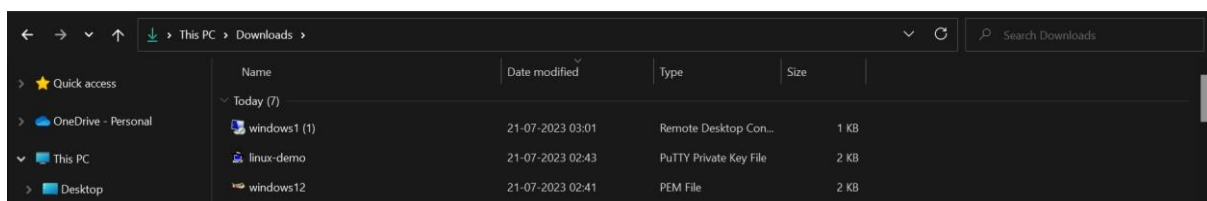
Upload your .pem file which is downloaded while launching windows instance



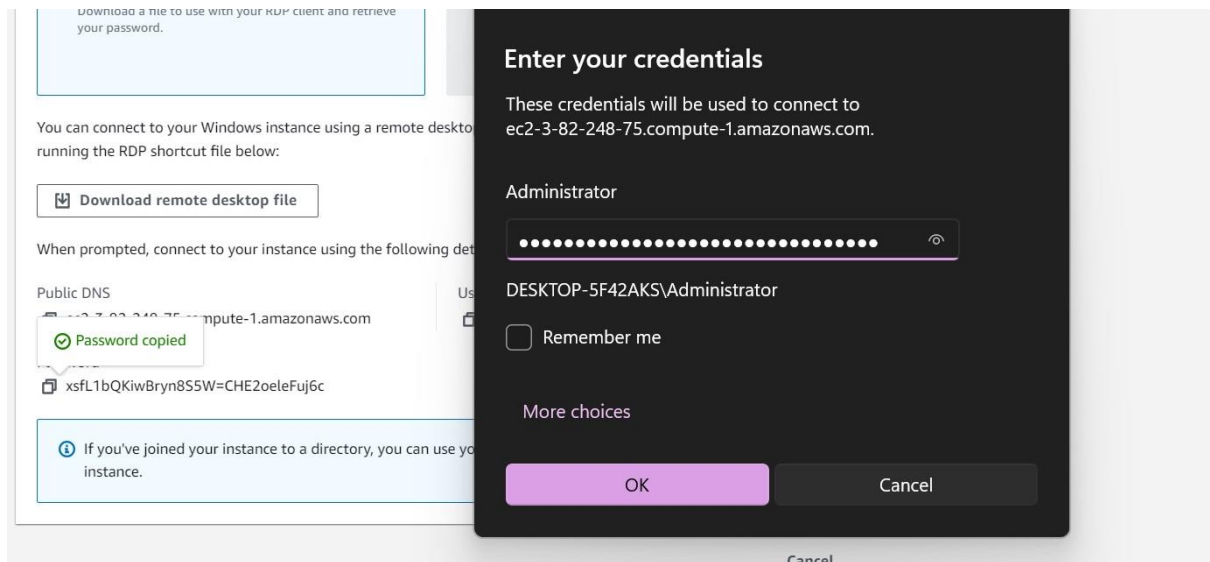
Click on decrypt password



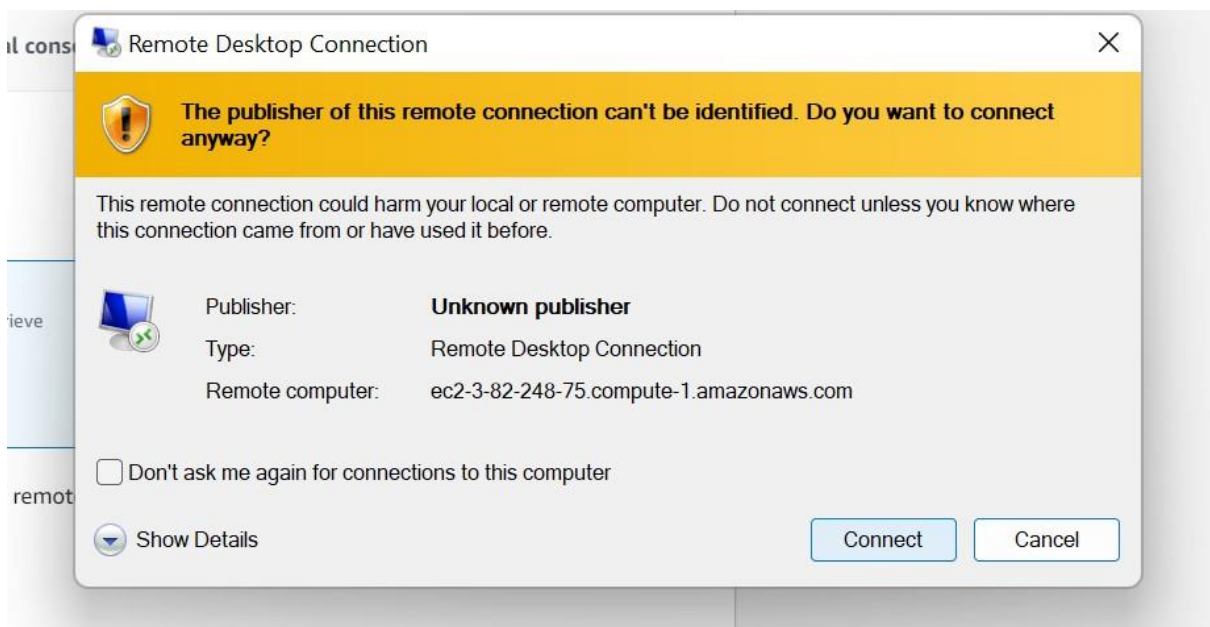
Remote desktop file is downloaded click to open this file



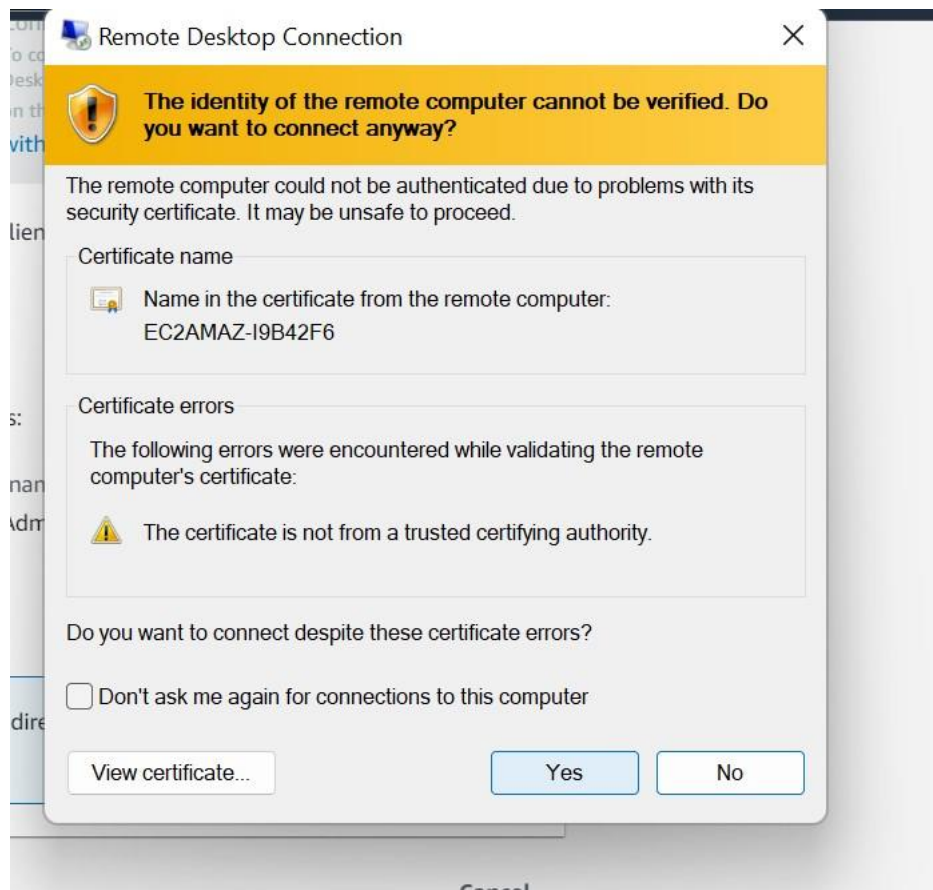
Copy the password and paste into it click on OK



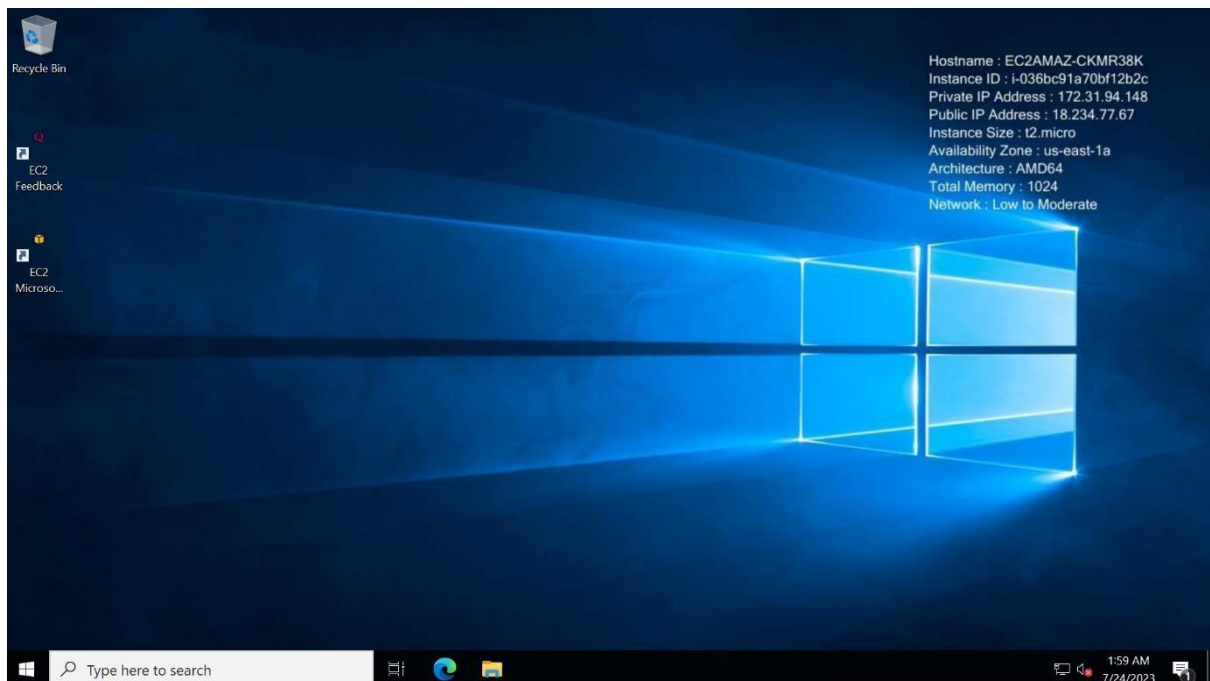
Click on connect



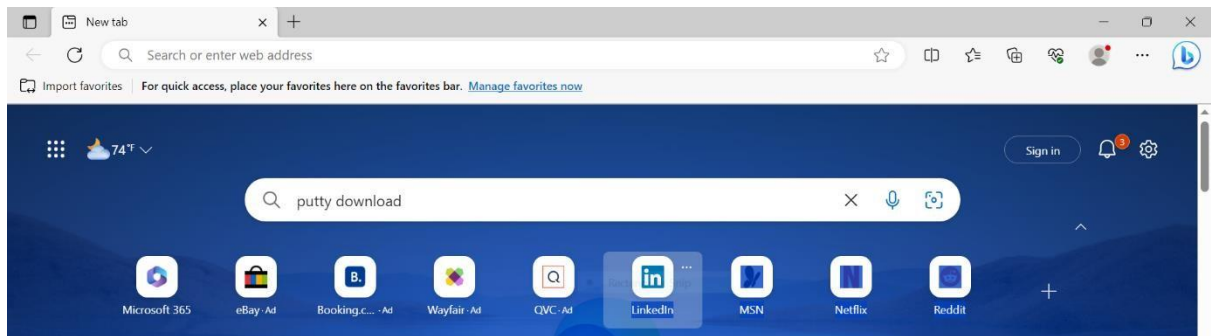
Click on yes



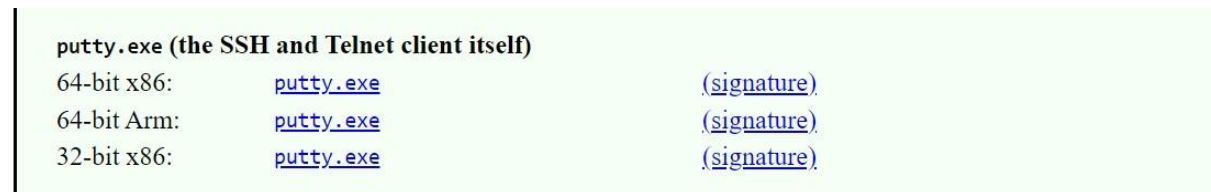
Our windows virtual server is lauched



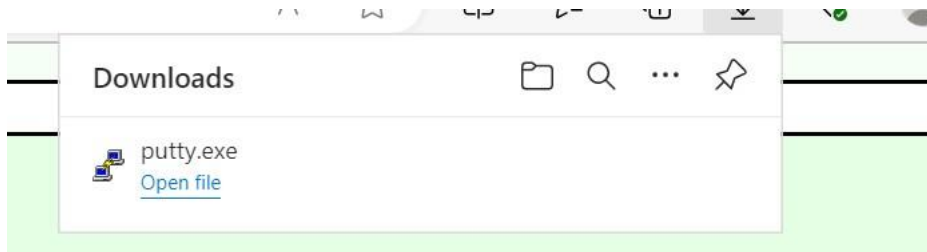
Open Microsoft edge and download putty



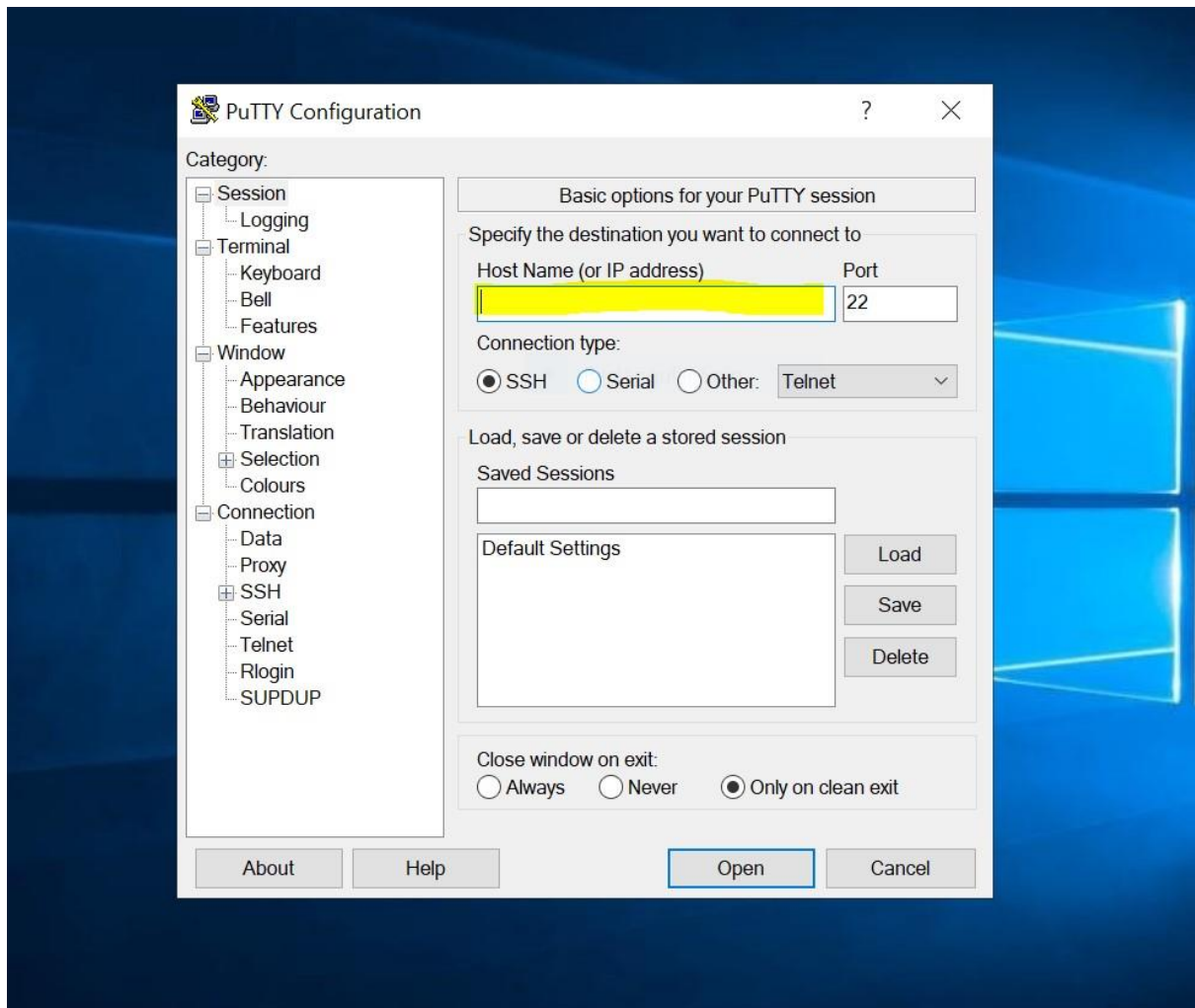
Open first link and download putty.exe file



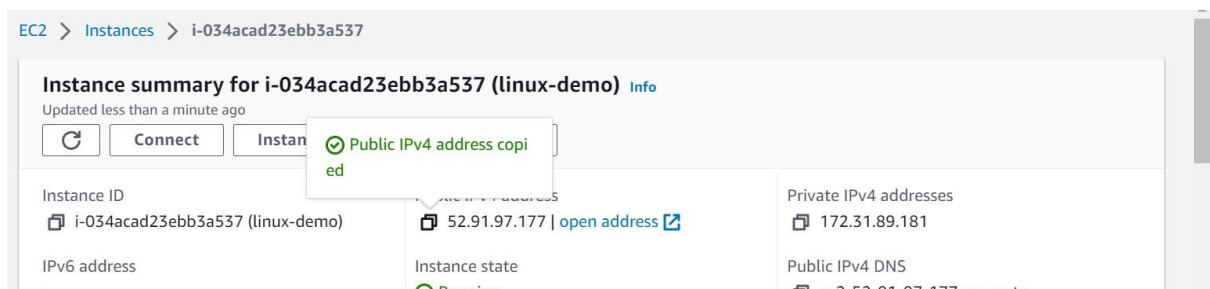
Click on open file



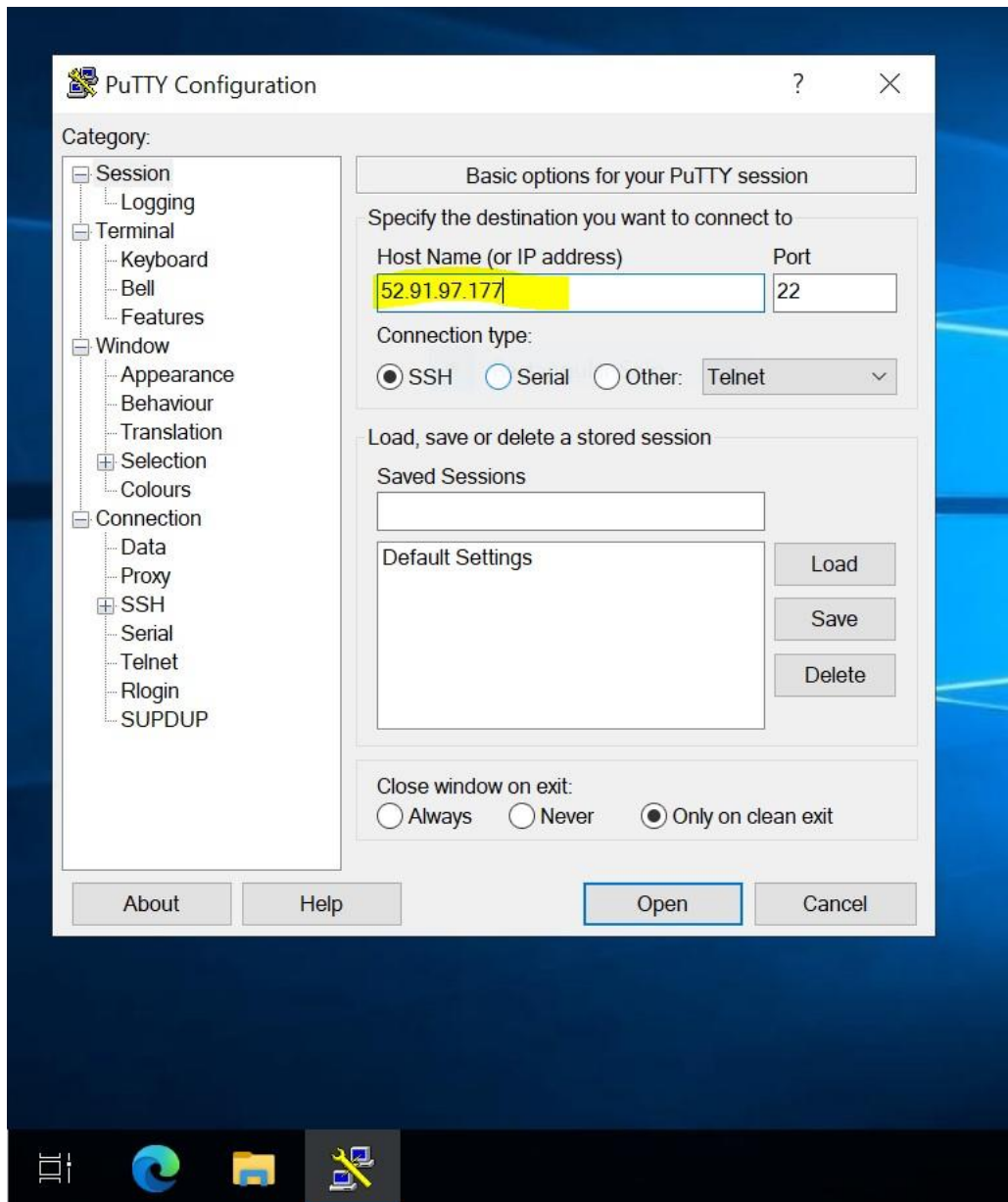
This will ask for IP add. Or host name



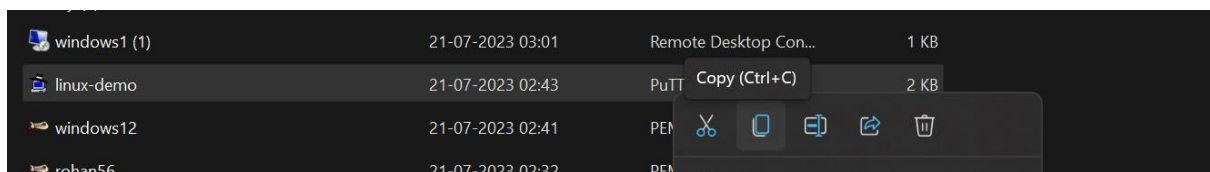
Go to 2nd instance which is linux and copy public IP



Paste this public IP to putty file



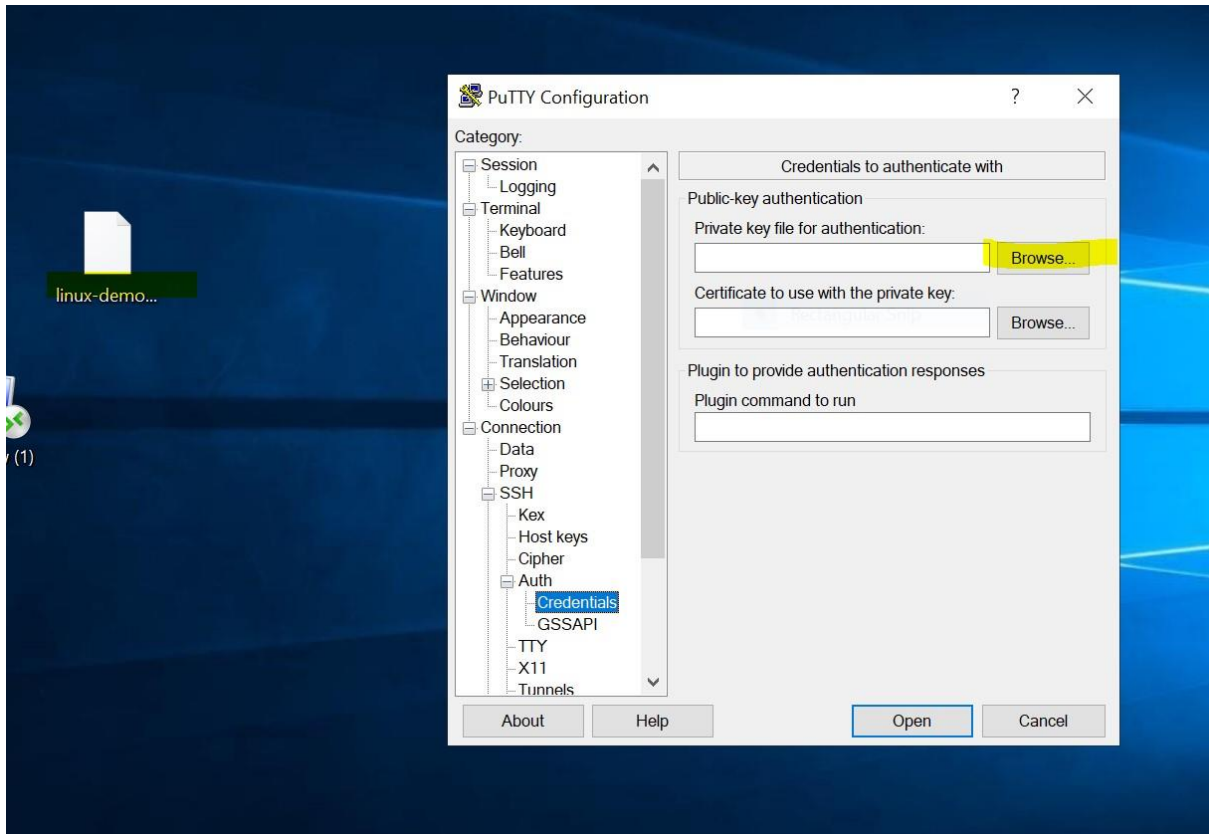
Go to file explorer and copy your putty file



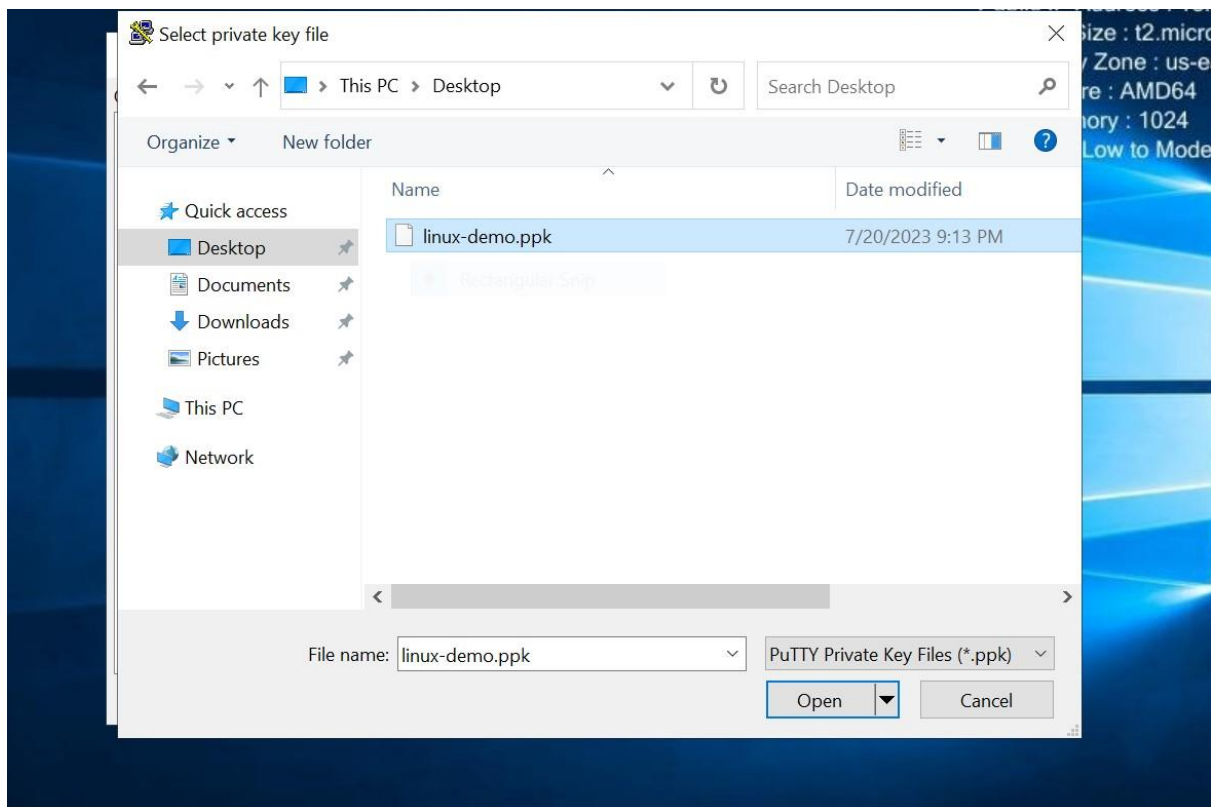
Paste on windows server Ctrl+v



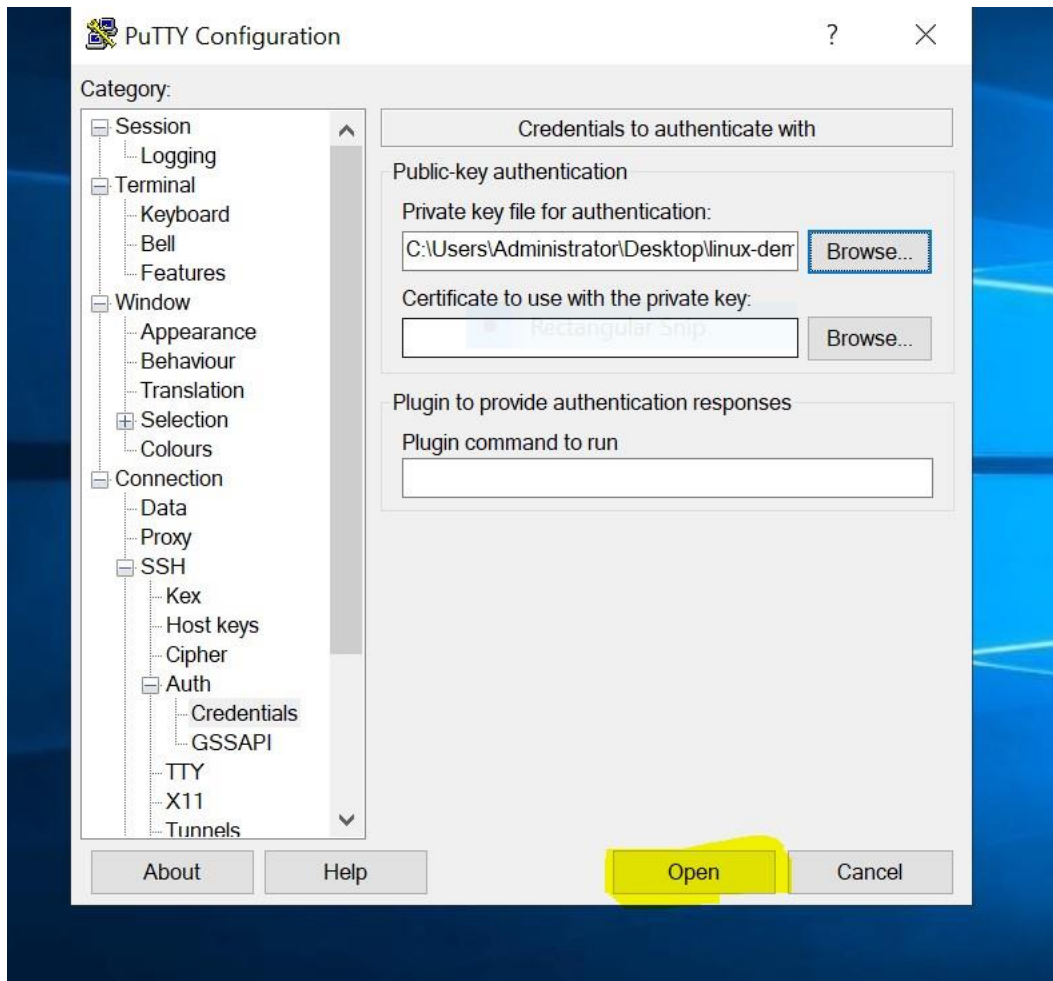
Go to SSH-Auth-Credentials and click on browse



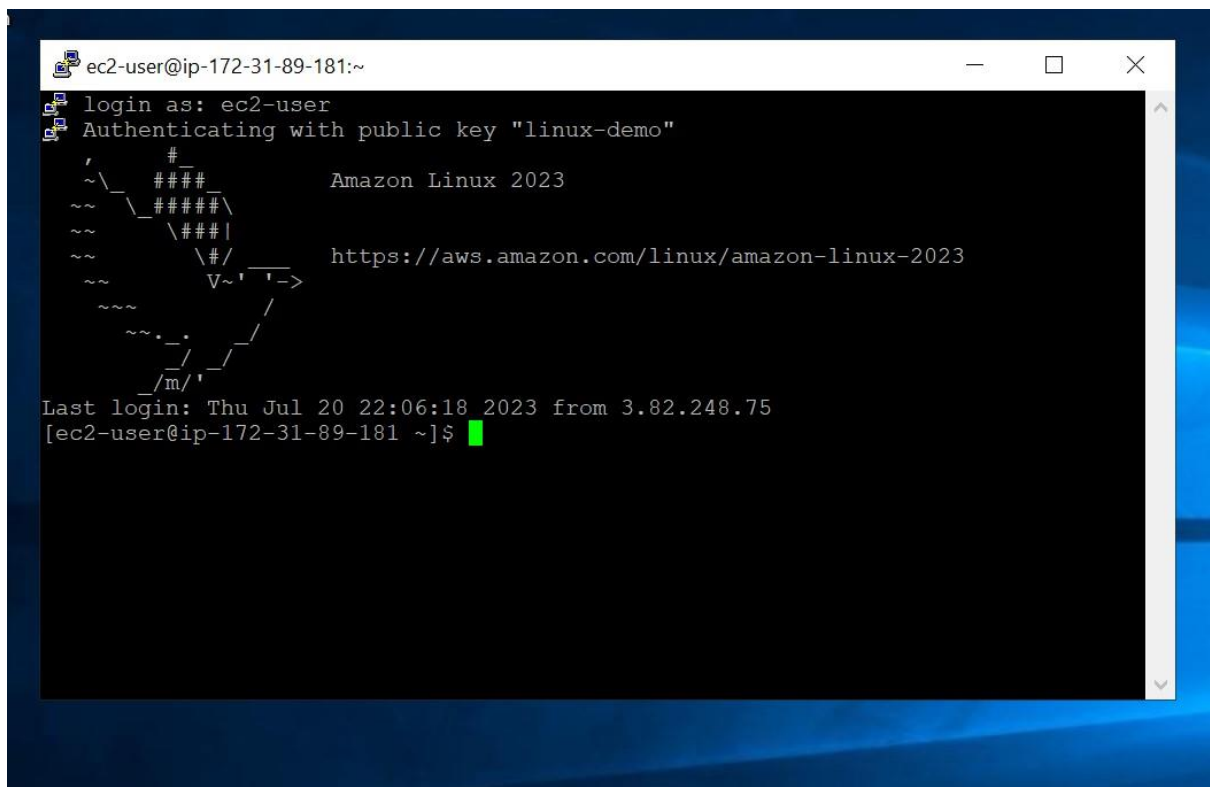
Click on desktop if you are save this on desktop and click on your putty file



Click on open



Your 2nd instance which is Linux server launch in Windows Server



Step2:deploy the web pages on Linux server

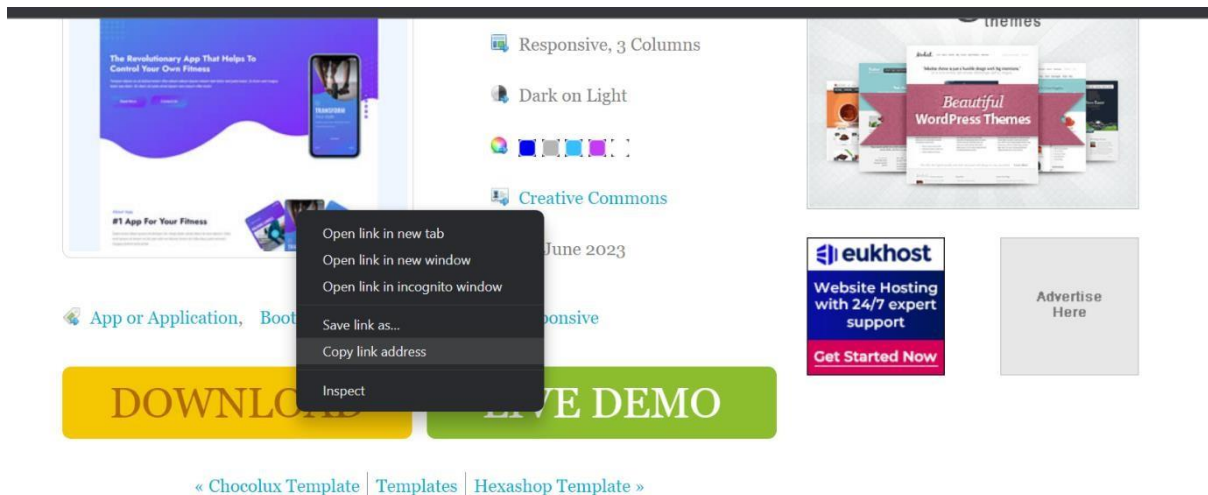
-type basic command:

- 1.sudo yum update
- 2.sudo yum upgrade
- 3.sudo yum install httpd
- 4.sudo systemctl enable httpd
- 5.sudo systemctl start httpd
- 6.sudo systemctl status httpd(Must be active)

```
Complete!
[ec2-user@ip-172-31-89-181 ~]$ systemctl status httpd
○ httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)
   Active: inactive (dead)
     Docs: man:httpd.service(8)
[ec2-user@ip-172-31-89-181 ~]$ systemctl start httpd
Failed to start httpd.service: Access denied
See system logs and 'systemctl status httpd.service' for details.
[ec2-user@ip-172-31-89-181 ~]$ sudo systemctl start httpd
[ec2-user@ip-172-31-89-181 ~]$ sudo systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[ec2-user@ip-172-31-89-181 ~]$ systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; preset: disabled)
   Active: active (running) since Mon 2023-07-24 02:23:13 UTC; 18s ago
     Docs: man:httpd.service(8)
  Main PID: 26007 (httpd)
    Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
   Tasks: 177 (limit: 1114)
  Memory: 12.8M
    CPU: 75ms
  CGroup: /system.slice/httpd.service
          └─26007 /usr/sbin/httpd -DFOREGROUND
            └─26008 /usr/sbin/httpd -DFOREGROUND
              └─26009 /usr/sbin/httpd -DFOREGROUND
                └─26010 /usr/sbin/httpd -DFOREGROUND
                  └─26011 /usr/sbin/httpd -DFOREGROUND

Jul 24 02:23:13 ip-172-31-89-181.ec2.internal systemd[1]: Starting httpd.service - The Apache HTTP Server...
Jul 24 02:23:13 ip-172-31-89-181.ec2.internal systemd[1]: Started httpd.service - The Apache HTTP Server.
Jul 24 02:23:13 ip-172-31-89-181.ec2.internal httpd[26007]: Server configured, listening on: port 80
[ec2-user@ip-172-31-89-181 ~]$
```

Go to any website and copy link address for web pages



Create a temp file and copy this pages via Wget command .

This file is zip file we unzip that file and go to that file.

```
Jul 24 02:23:13 ip-172-31-89-181.ec2.internal httpd[26007]: Server configured, listening on: port 80
[ec2-user@ip-172-31-89-181 ~]$ ls
[ec2-user@ip-172-31-89-181 ~]$ mkdir temp
[ec2-user@ip-172-31-89-181 ~]$ ls
temp
[ec2-user@ip-172-31-89-181 ~]$ cd temp
[ec2-user@ip-172-31-89-181 temp]$ sudo install unzip
install: missing destination file operand after 'unzip'
Try 'install --help' for more information.
[ec2-user@ip-172-31-89-181 temp]$ sudo yum install unzip
Last metadata expiration check: 0:29:42 ago on Mon Jul 24 01:56:22 2023.
Package unzip-6.0-57.amzn2023.0.2.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-89-181 temp]$ wget https://www.free-css.com/assets/files/free-css-templates/download/page293/fitapp.zip
--2023-07-24 02:27:24-- https://www.free-css.com/assets/files/free-css-templates/download/page293/fitapp.zip
Connecting to www.free-css.com (www.free-css.com)... 217.160.0.242, 2001:981:100f:f000::2f
Connecting to www.free-css.com (www.free-css.com) [217.160.0.242]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 564102 (551K) [application/zip]
Saving to: 'fitapp.zip'

fitapp.zip           100%[=====>] 550.88K  925KB/s  in 0.6s

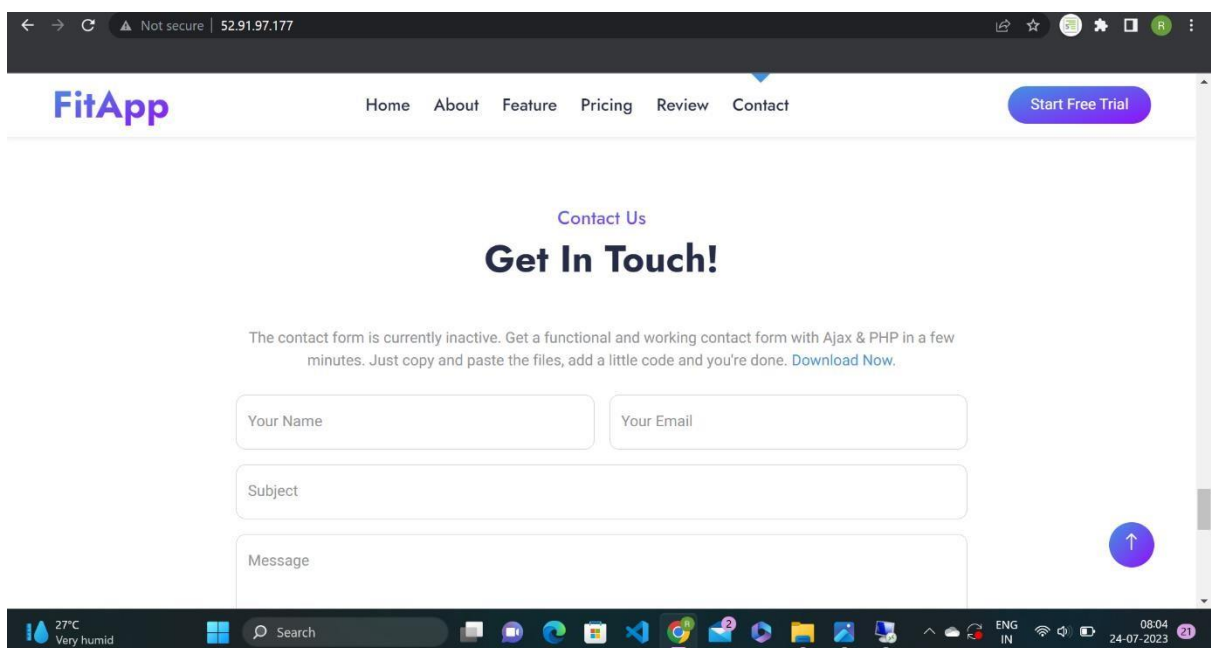
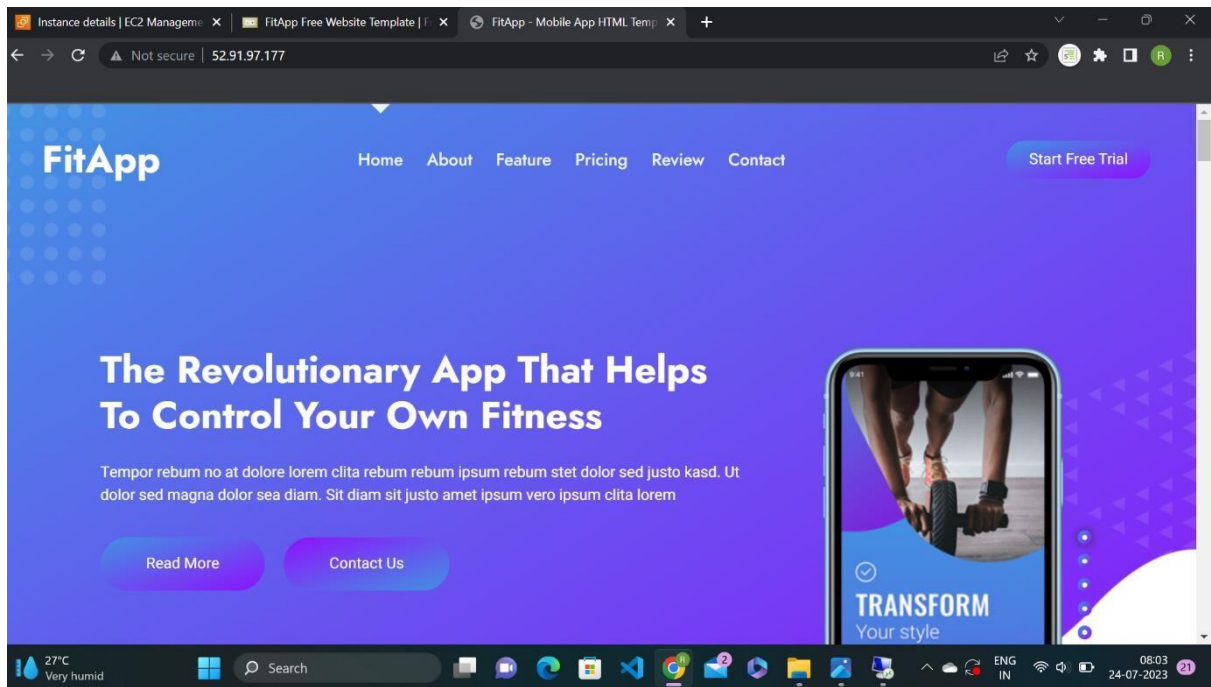
2023-07-24 02:27:25 (925 KB/s) - 'fitapp.zip' saved [564102/564102]

[ec2-user@ip-172-31-89-181 temp]$ ls
```

Move that file into `/var/www/html`

Copy Linux public IP address and check your uploaded pages

Paste this ip address on chrome tab



Thus your web pages deploy

For exit from Linux server

Type exit command