Name: Himesh Pathai

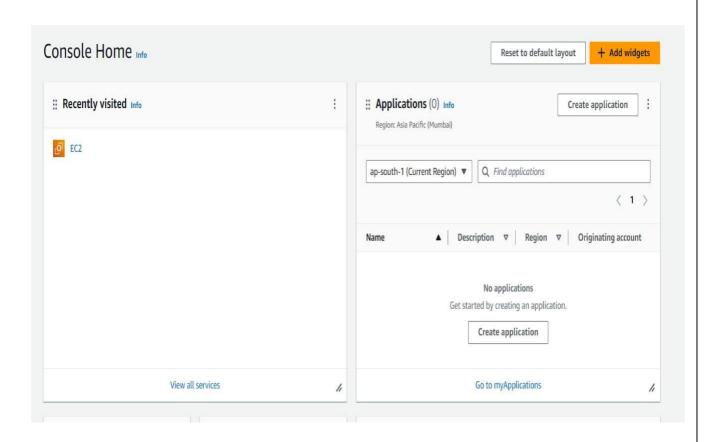
Div: D10A Roll No.: 35

### **EXPERIMENT NO. 1**

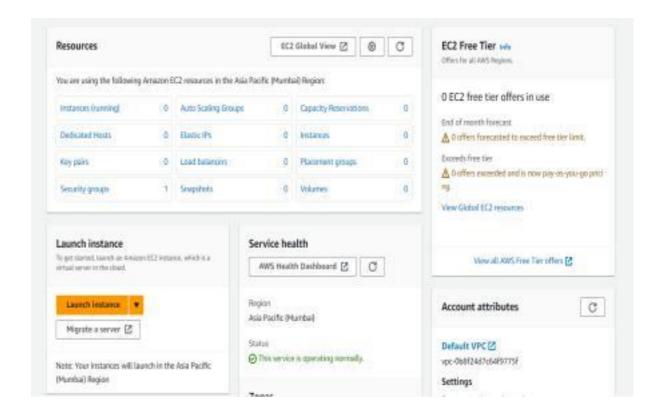
**Aim**: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

## **EC2** Instance Creation and static site hosting

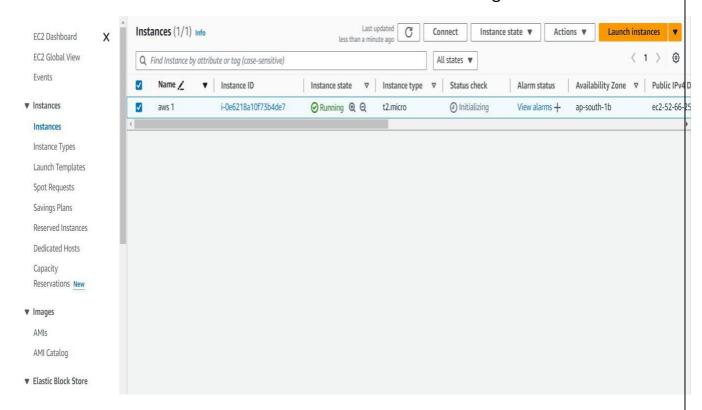
1. Login to your AWS account



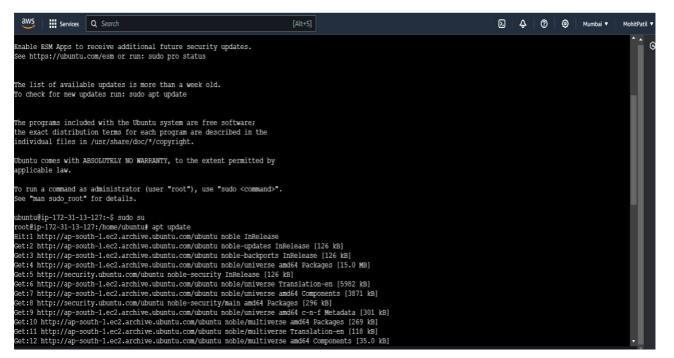
2. Click on EC2 and then create an instance by clicking on instances



## 3. After an instance is created wait for it to come to Running state



## 4. After doing that you will see this UI



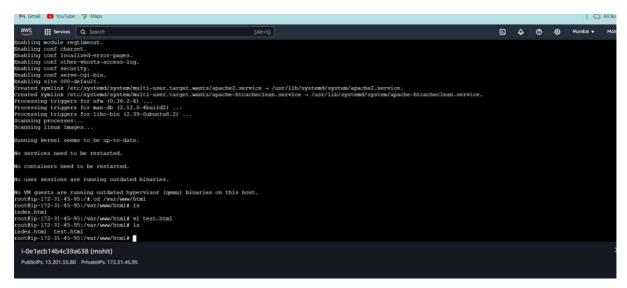
5. Follow these steps and then run these commands

```
Bit:1 http://ap-south-1.ecz.archive.ubuntu.com/ubuntu noble InRelease
Bit:2 http://ap-south-1.ecz.archive.ubuntu.com/ubuntu noble InRelease
Bit:2 http://ap-south-1.ecz.archive.ubuntu.com/ubuntu noble-updates InRelease
Bit:3 http://ap-south-1.ecz.archive.ubuntu.com/ubuntu noble-apcates InRelease
Bit:4 http://security.ubuntu.com/ubuntu noble-accurity InRelease
Bit:4 http://security.ubuntu.com/ubuntu noble/main accurity.ubuntu.com/ubuntu noble/main accurity.ubuntu.com/ubuntu noble/main accide libaprutill-dap libaprutillté4 liblua5.4-0 ssl-cert
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 libaprutillté4 midel 1.7.2-3.lbuild2 [107 ki]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 accide 1.6.3-1.ubuntu7 [91.9 kB]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 accide 1.6.3-1.ubuntu7 [91.9 kB]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 accide 1.6.3-1.ubuntu7 [91.9 kB]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 accide 1.6.3-1.ubuntu7 [91.8 kB]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 accide 1.6.3-1.ubuntu7 [91.8 kB]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble/main accide libaprutill-dad-sqlite3 accide 1.6.3-1.ubuntu8.4 [90.2 kB]
Bit:4 http://ap-south-lec2.archive.ubuntu.com/ubuntu noble-updates/main accide4 apacche2-data all 2.4.58-lubuntu8.4 [90.2 kB]
Bit:4 h
```

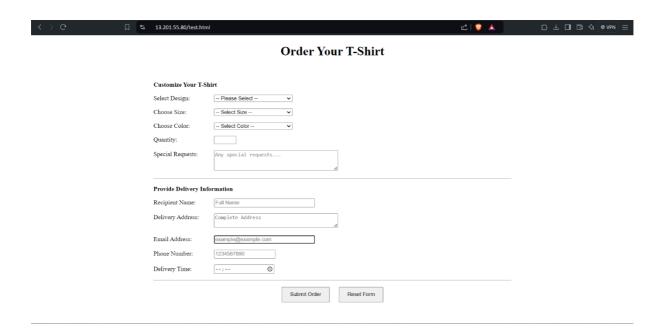
6. After that the ip-address which was given while running the instance, copy that and paste that on chrome, make sure that it is http and not https



7. Create a file using vi command and save it using : wq

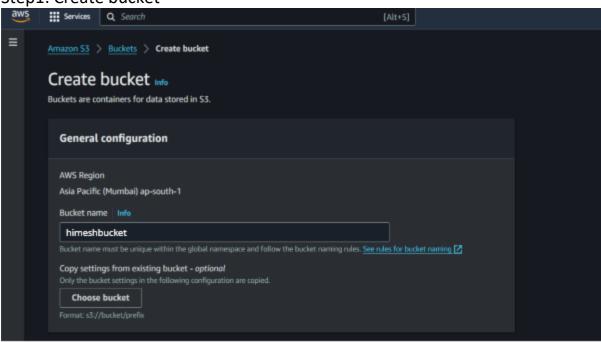


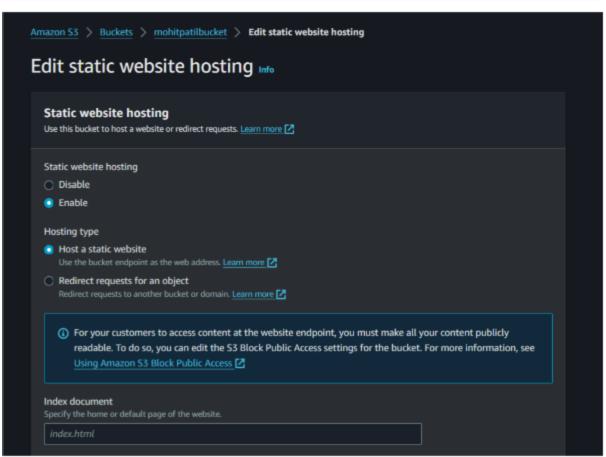
8. After saving that file go that page where ubuntu is listed and then on the link add "/your\_file\_name.html" and then whatever you saved on that file will be displayed



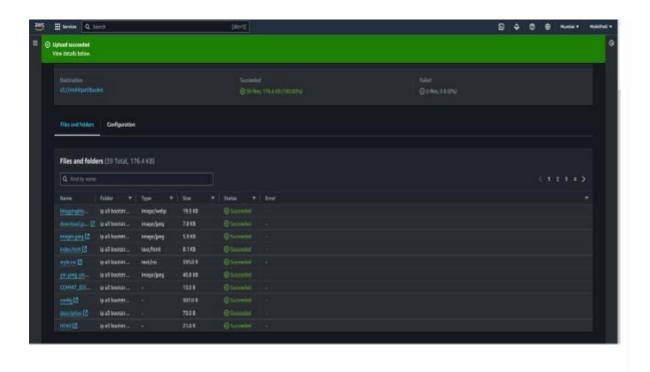
## **Static Hosting using S3 bucket**

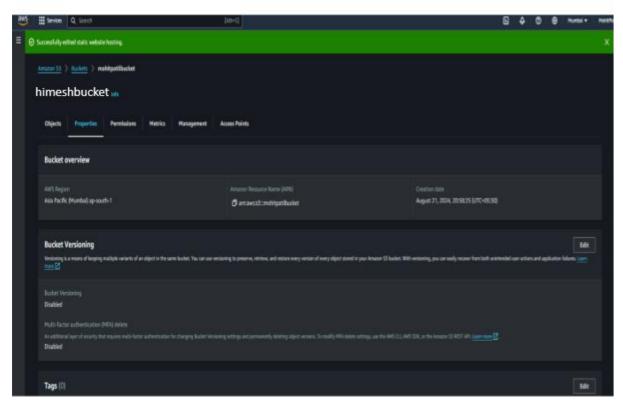
#### Step1: Create bucket

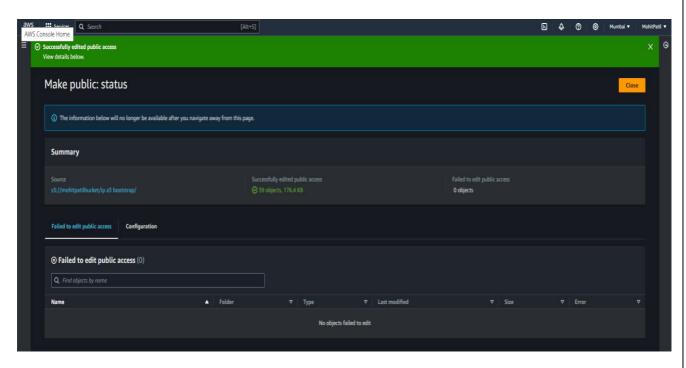




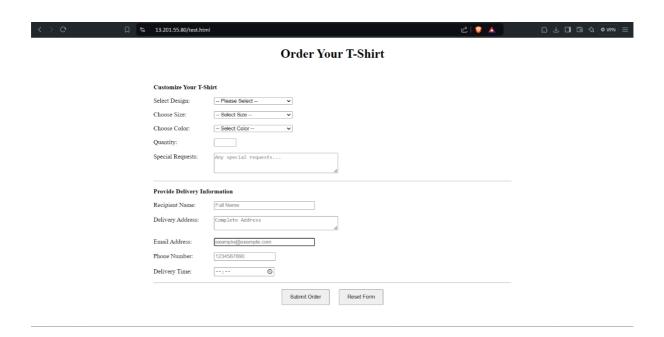
## Step 2: Add resources







Step 3: visit hosted website



## **EC2 Dynamic Site Hosting**

Step 1: Open Console and clone the github repository

```
aws Services Q Search
                                                                                                                                                                                                                                                                            D 4 0 0
    run a command as administrator (user "root"), use "sudo <command>".
e "man sudo root" for details.
   we "main sudo_root" for details.

buttu8ip-172-31-15-151:-$ pws

command 'pws' not found, did you mean:

command 'pws' from deb pms (0.42-1.1)

command 'pts' from deb pms (0.42-1.1)

command 'pts' from deb by opensfs-client (1.8.10-2.1ubuntu3.1)

command 'psw' from deb libmpmi-rbin (5.0.1-4)

command 'psw' from deb libmpmi-rbin (5.0.1-4)

command 'aws' from deb awscli (2.14.6-1)

command 'psw' from deb ps (0.11.6-1ubuntu)

command 'psw' from deb coreutils (9.4-2ubuntu2)

command 'psw' from deb psw (1.14.9-1)

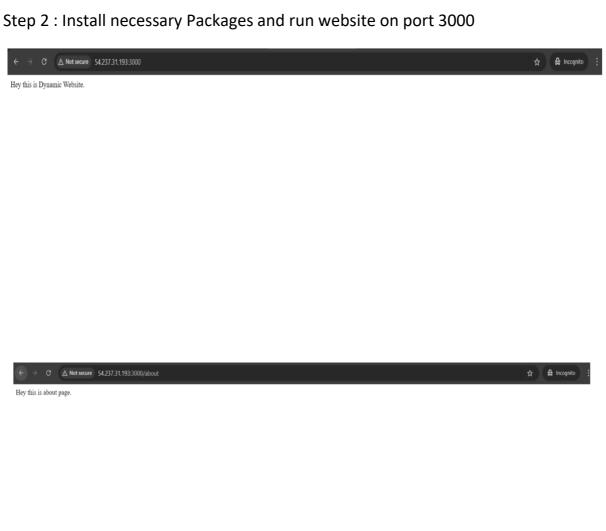
command 'psw' from deb psw (2.03.16-2ubuntu1)

command 'psw' from deb psw (2.03.16-2ubuntu1)

command 'psw' from deb psw (2.03.16-2ubuntu1)

ee 'snap info <napamame>' for additional versions.

buttu8ip-172-31-15-151:-$ psw home-lubuntu
  buntu8[p-172-31-15-151:-$ pwd
home/ubuntu
buntu8[p-172-31-15-151:-$ git clone https://github.com/Mchitpatil344/zapier_html.com/github.com/mchitpatil344/zapier_html.git
loning into 'zapier_html'...
emote: Enumerating objects: 100 k[18/18], done.
emote: Counting objects: 100 k[18/18], done.
emote: Countersaing objects: 100 k[18/18], done.
emote: Total 18 (dalta 6), roused 12 (dalta 2), pack-roused 0 (from 0)
ecciving objects: 100 k[18/18], 31.36 MiB | 17.13 MiB/s, done.
esolving deltas: 100 k[6/6], done.
buntu8[p-172-31-15-151:-$ ls
apier html
  apier html
buntu@ip-172-31-15-151:~$ cd ^C
buntu@ip-172-31-15-151:~$ cd zapier html
buntu@ip-172-31-15-151:~/zapier_html$ is
1699438656630.jpeg
                                                                             i2.webp
index.html
'invideo-ai-1080 Zapier_ Your Ultimate Tech Partner! 2024-07-28.mp4'
                                                                                                                                                                                            mobile-application-development-guidelines-riseuplabs.webp
    creenshot 2024-07-29 005945.png'
untu@ip-172-31-15-151:~/zapier_html$
   i-0022d489c88af599c (mohit)
   PublicIPs: 3.111.57.218 PrivateIPs: 172.31.15.151
26 updates can be applied immediately.
22 of these updates are standard security updates.
 To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
Last login: Wed Aug 21 17:55:18 2024 from 13.233.177.4
ubuntu@ip-172-31-15-151:~$ git clone https://github.com/PranavPol-01/dyanamic_site.git
 fatal: destination path 'dyanamic_site' already exists and is not an empty directory.
ubuntu@ip-172-31-15-151:-$ cd dyanamic_site
ubuntu@ip-172-31-15-151:-/dyanamic_site$ npm install
added 93 packages, and audited 94 packages in 2s
16 packages are looking for funding
    run 'npm fund' for details
found 0 vulnerabilities
ubuntu@ip-172-31-15-151:~/dyanamic_site$ node index.js
Server is running on port 3000
     i-0022d489c88af599c (mohit)
     PublicIPs: 3.111.57.218 PrivateIPs: 172.31.15.151
```



# **Cloud 9 IDE Site Hosting**

Description - optional

Determines what the Cloud9 IDE will run on,

Cloud9 creates an EC2 instance in your account. The

configuration of your EC2 instance cannot be changed by

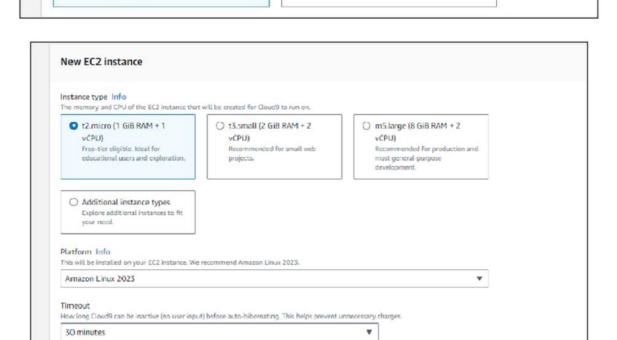
New EC2 instance

Cloud9 after creation.

Limit 200 characters.

Environment type Info





Existing compute

You have an existing instance or server that you'd like to

