Name: Himesh pathai

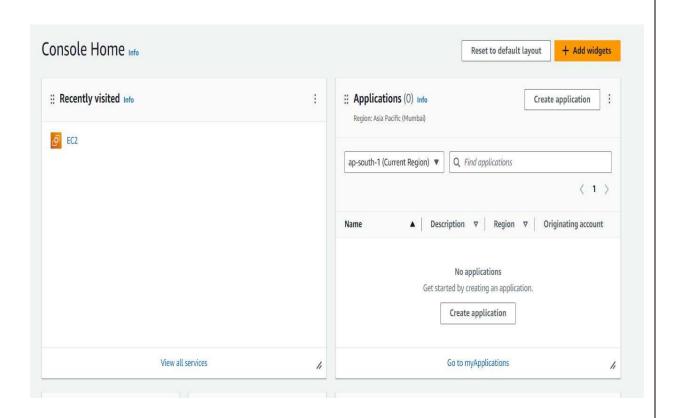
Div : D10A Roll No. : 35

EXPERIMENT NO. 1

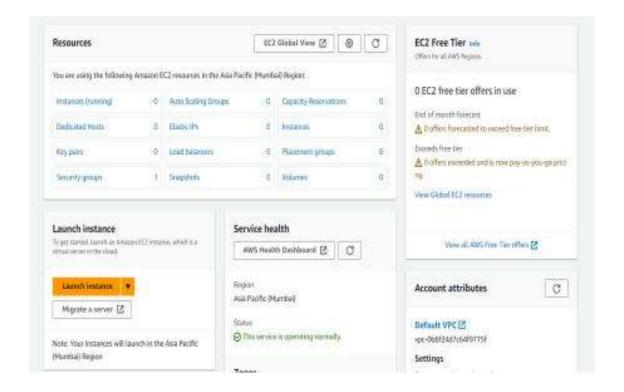
Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

EC2 Instance Creation and static site hosting

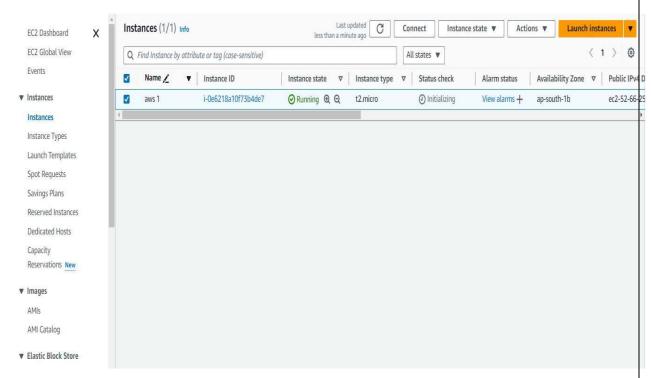
1. Login to your AWS account



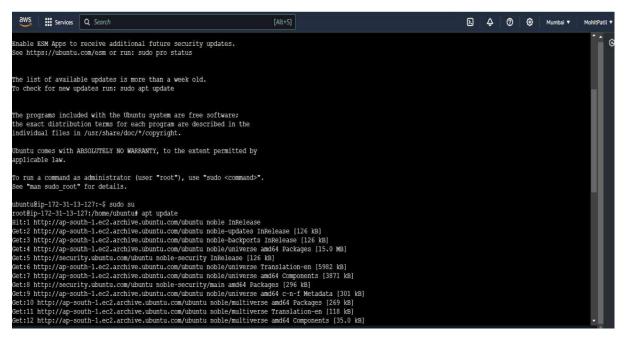
2. Click on EC2 and then create an instance by clicking on instances



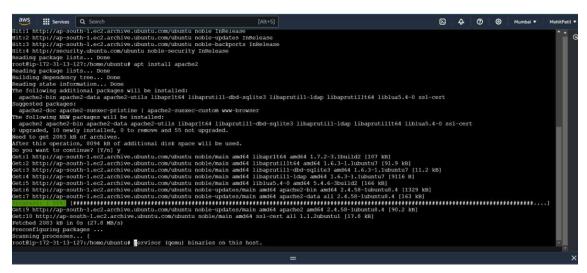
3. After an instance is created wait for it to come to Running state



4. After doing that you will see this UI



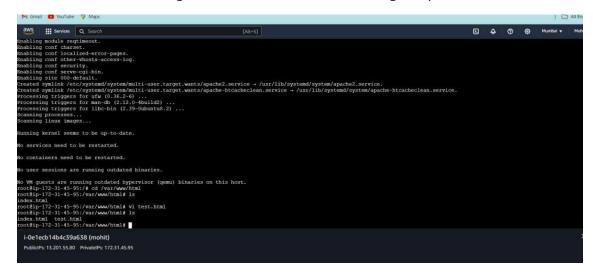
5. Follow these steps and then run these commands



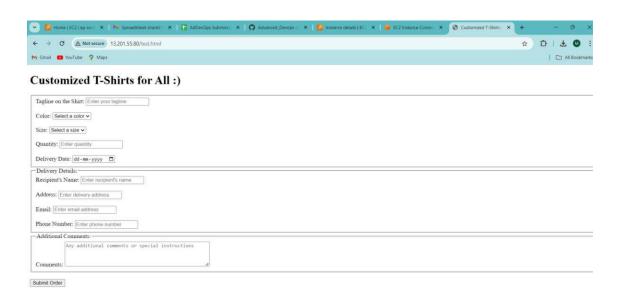
6. After that the ip-address which was given while running the instance, copy that and paste that on chrome, make sure that it is http and not https



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

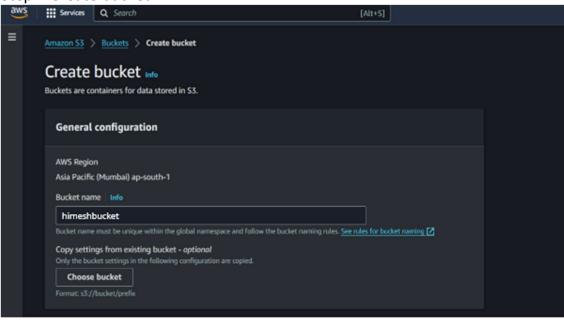


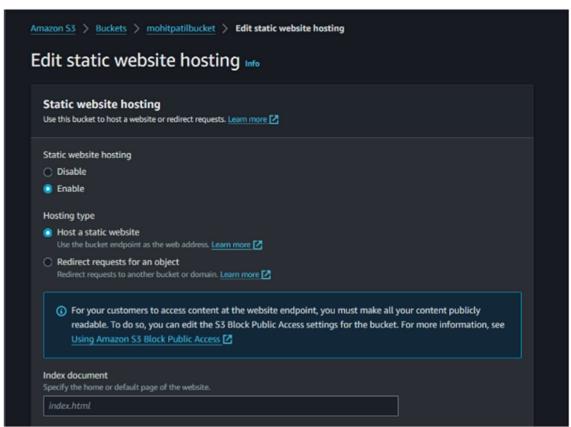
8. After saving that file go that page where ubuntu is listed and then on the link add "/your_file_name.html" and then whatever you saved on that file will be displayed



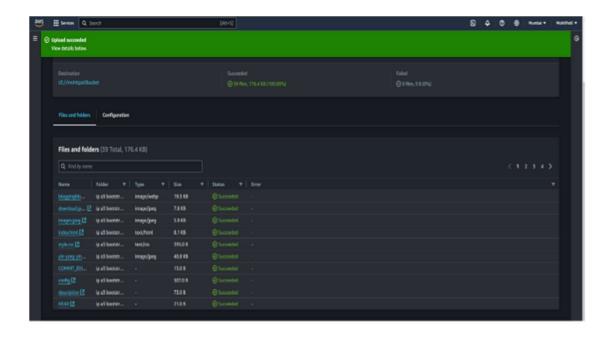
Static Hosting using S3 bucket

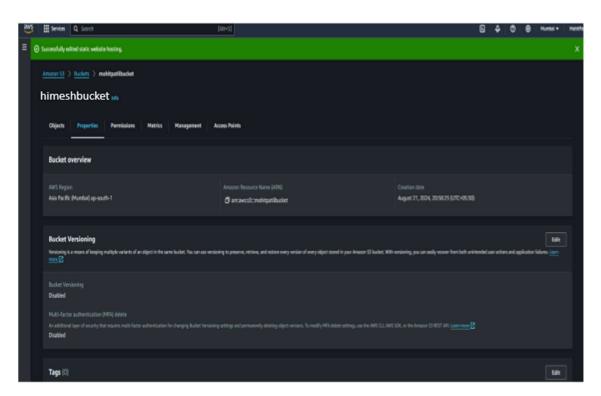
Step1: Create bucket

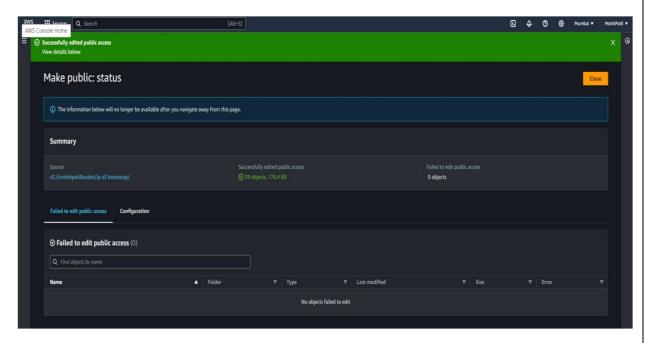




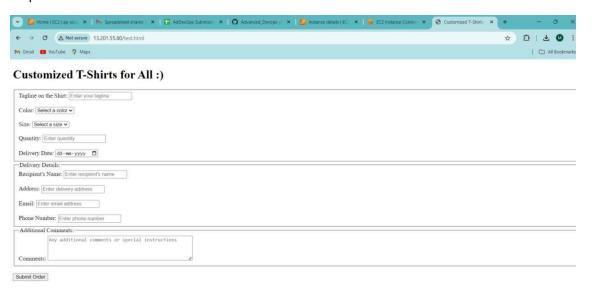
Step 2: Add resources







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.
   se "man sudo_root" for details.

pountu8ip-172-31-15-151:-$ pws

pommand 'pws' not found, did you mean:

command 'avs' from snap aws-cli (1.15.58)

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

command 'prs' from deb vis (0.42-1.1)

command 'pws' from deb vis (2.4.1-23)

command 'pws' from deb vis (2.4.1-23)

command 'pws' from deb vis (2.4.1-21)

command 'pws' from deb pws (0.11.6-1ubutu1)

command 'pws' from deb pcs (0.11.6-1ubutu1)

command 'pws' from deb prs (0.11.6-1ubutu1)

command 'pws' from deb prs (2.03.16-2ubutu1)

command 'pws' from deb prs (2.03.16-2ubutu1)

command 'pws' from deb prs (2.14.0.4-2ubutu1)

command 'pws' from deb prs (2.4.0.4-2ubutu1)

se 'snap info Commanaso' for additional versions

command 'pws' 1-15-151-5 pwd

command 'pws' 1-2-3-15-151-5 pwd

command 'pws' commanaso' for additional versions.
  country=p-12-31-15-131-vs part
bundru8p-12-31-15-151:-$ git clone https://github.com/Mohitpatil344/zapier_html.git
loning into "sapier_html"...
emote: Enumerating objects: 100* (18/18), done.
emote: Counting objects: 100* (18/18), done.
emote: Cotaling objects: 100* (18/18), done.
emote: Total 18 (delta 6), rouned 12 (delta 2), pack-reused 0 (from 0)
ecciving objects: 100% (18/18), 31.36 MiB | 17.13 MiB/s, done.
bundru8p-172-31-15-151:-$ 1a
suntry bundru8p-172-31-15-151:-$ 1a
   pier_html
vuntu8ip-172-31-15-151:~$ cd ^C
vuntu8ip-172-31-15-151:~$ cd zapier_html
vuntu8ip-172-31-15-151:~/zapier_html$ ls
1699438656630.jpeg
                                                                              i2.webp
index.html
                                                                                                                                                                                               mobile-application-development-guidelines-riseuplabs, webp
                                                                                            -ai-1080 Zapier Your Ultimate Tech Partner! 2024-07-28.mp4'
    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



