## ADVANCE DEVOPS EXPERIMENT NO.1

Name: Aryan Anil Patankar

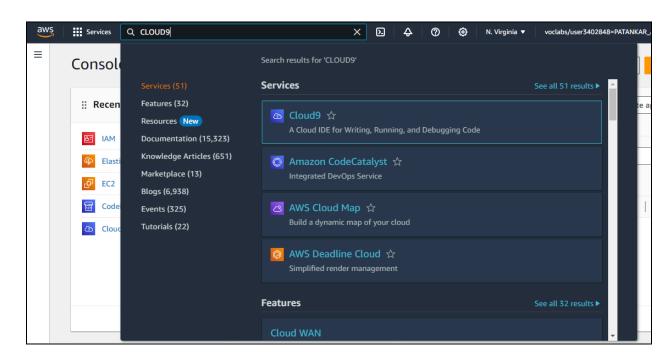
Class:D15A Roll No:34

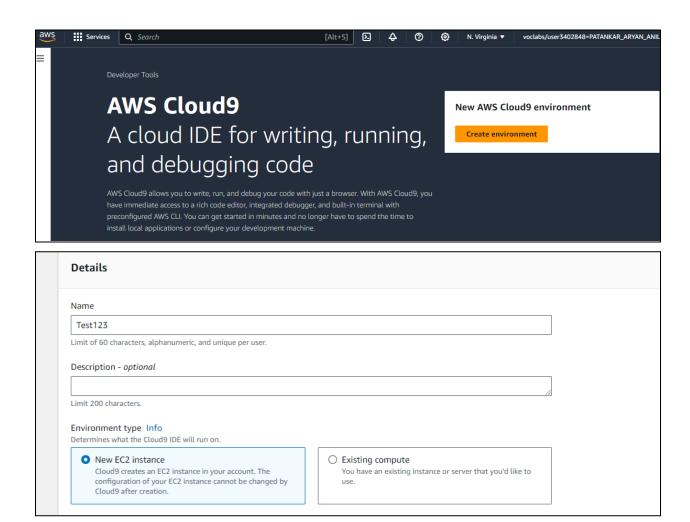
Aim: To understand the benefits of Cloud Infrastructure and Setup AWS Cloud9 IDE, Launch AWS Cloud9 IDE and Perform Collaboration Demonstration.

### Cloud9

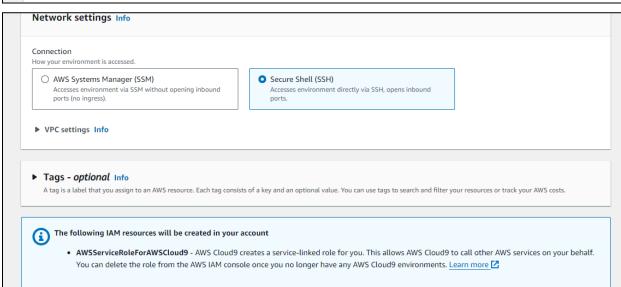
## **Steps:**

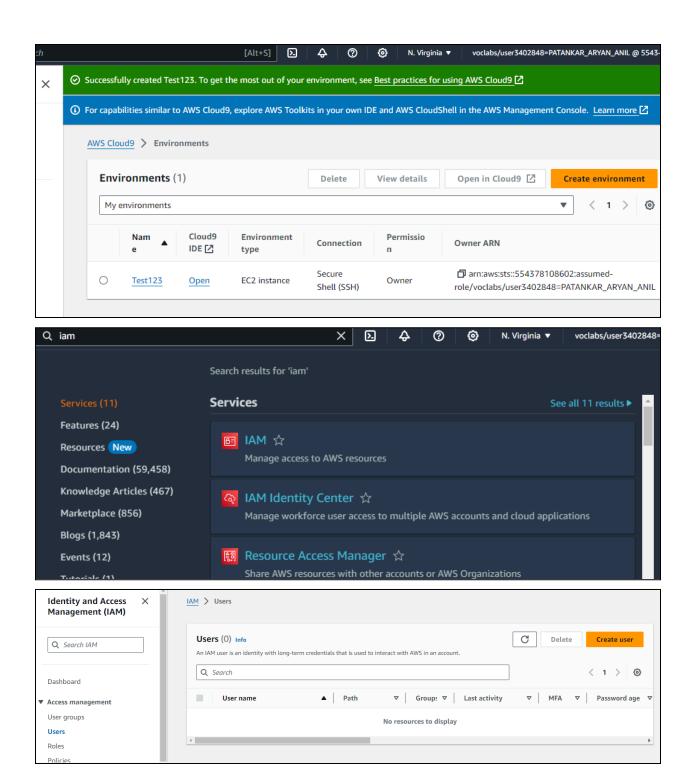
1.Open your AWS account and search for Cloud9 service inside Developer tools. Create a new Cloud9 environment by filling in the required details. Make sure you use an EC2 instance to create your environment.

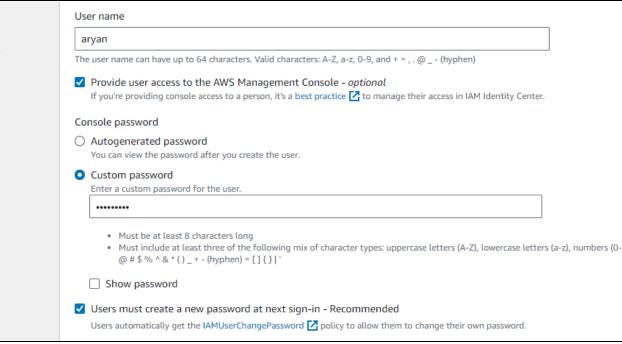


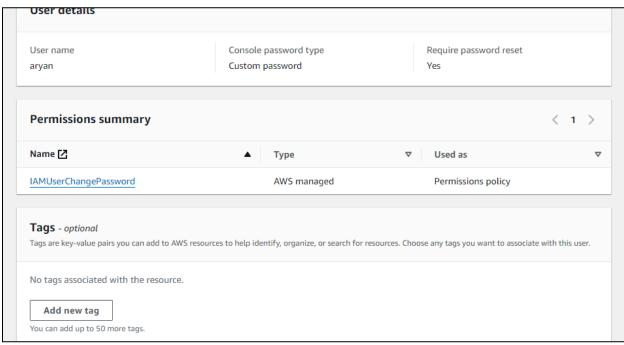


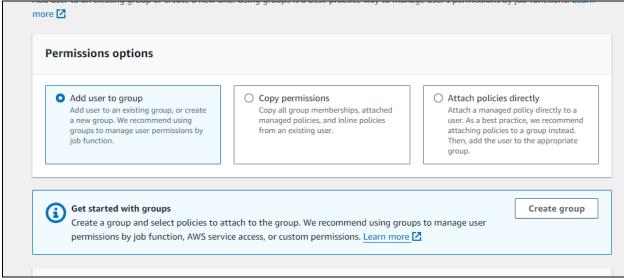


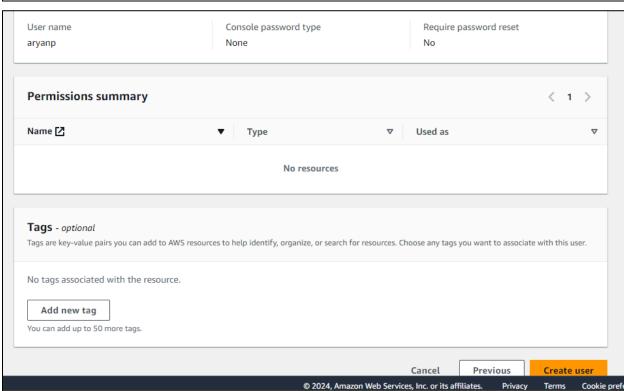




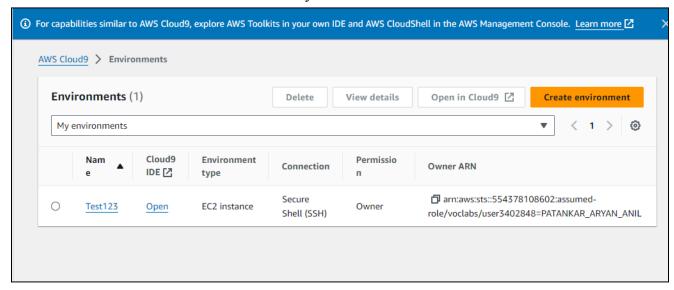




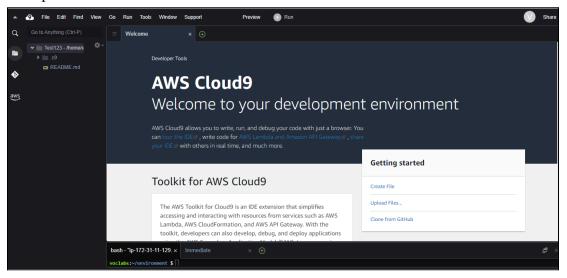


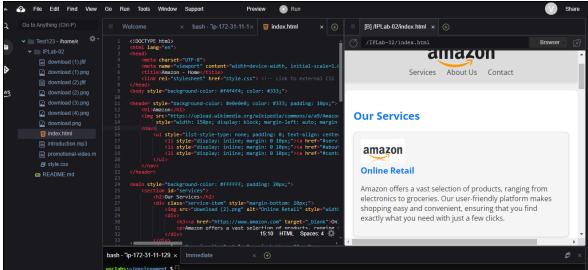


# Here the environment has been successfully created



**2.**We have successfully set up and launched our Cloud9 environment. Over here, we can build and develop programs as per our desire. We are also allowed to collaborate with multiple other users and access shared resources.



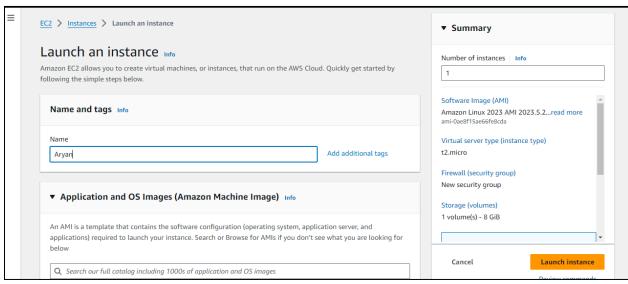


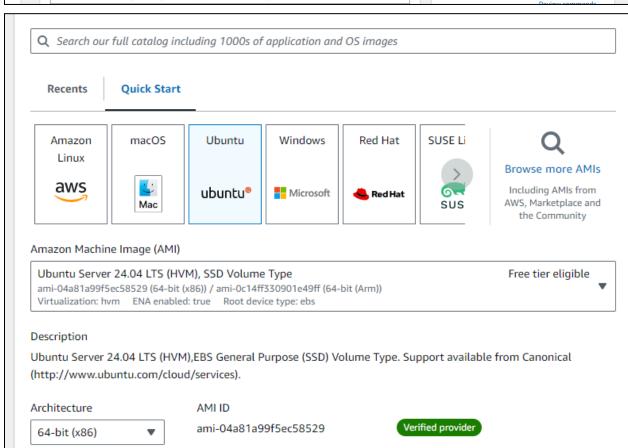
Further, we are supposed to login from another browser using the credentials of the IAM user, to access the shared cloud9 environment with us. These steps could not be completed because Cloud9 services have been disrupted and there is no access to the IAM user from the remote login.

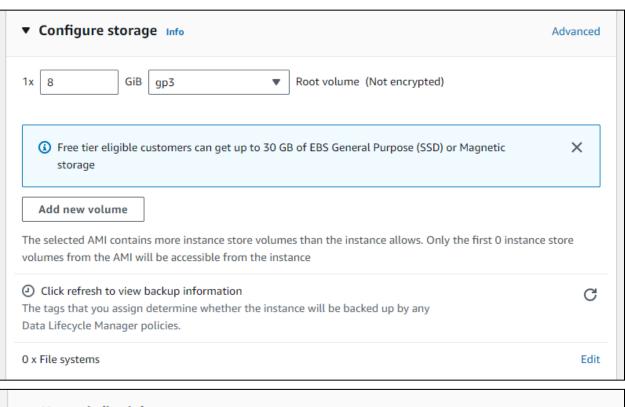
#### **EC2 INSTANCE**

## **Steps:**

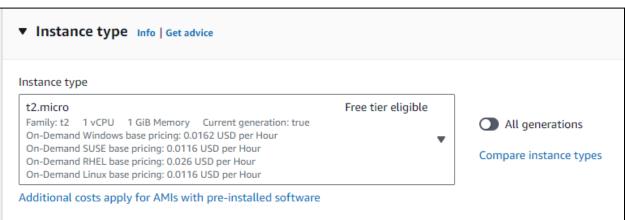
1.Create a new instance and follow the steps

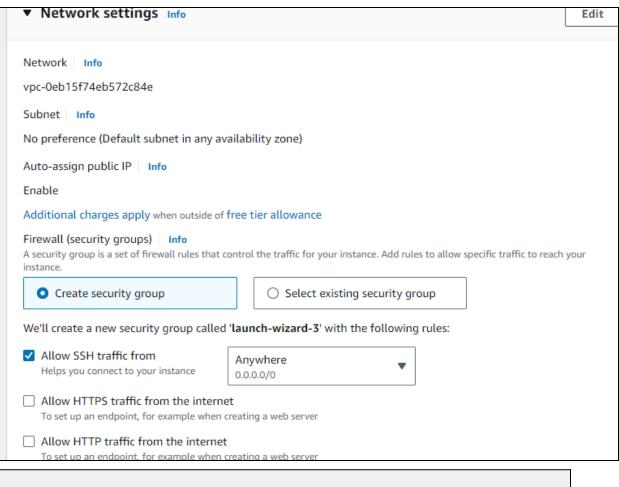


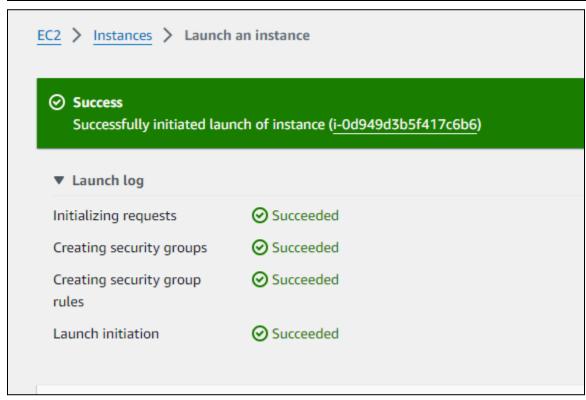


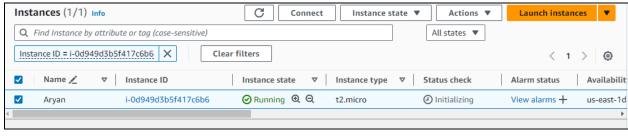


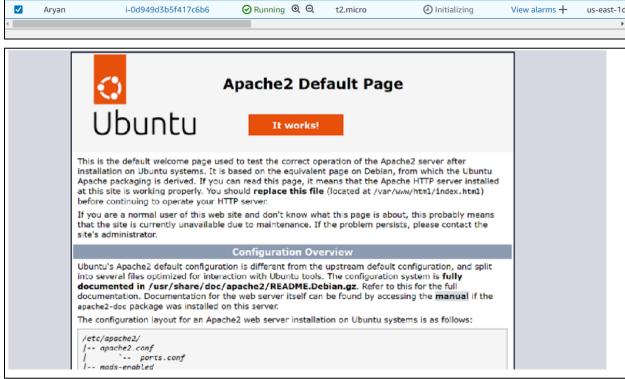












```
nano index1.html
coot@ip-172-31-36-118:/war/www/html# sudo nano index.html
coot@ip-172-31-36-118:/var/www/html# sudo start apache2
sudo: start: command not found
oot@ip-172-31-36-118:/var/www/html# sudo systemctl start apache2
oot@ip-172-31-36-118:/war/www/html# sudo systemctl status apache2
 apache2.service - The Apache HTTP Server
    Loaded: loaded (/wsr/lih/systemd/system/spache2.service; enabled; preset: enabled)
   Active: active (running) since Sun 2024-08-18 09:03:15 UTC; 22min ago
     Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 3261 (apache2)
    Tasks: 55 (limit: 1130)
   Memory: 5.3M (peak: 5.5M)
      CPU: 128ms
   CGroup: /system.slice/apache2.service
           -3261 /usr/sbin/apache2 -k start
           L3265 /usr/sbin/apache2 -k start
ug 18 09:03:15 ip-172-31-36-118 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Aug 18 09:03:15 ip-172-31-36-118 systemd[1]: Started apache2.service - The Apache HTTP Server.
coot@ip-172-31-36-118:/var/www/html#
See "man sudo_root" for details.
ubuntu@ip-172-31-36-118:~$ :/home/ubuntu# apt install apache2
-bash: :/home/ubuntu#: No such file or directory
ubuntu@ip-172-31-36-118:~$ cls
Command 'cls' not found, but there are 20 similar ones.
ubuntu@ip-172-31-36-118:~$ sudo su
root@ip-172-31-36-118:/home/ubuntu# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-s
qlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-bro
wser
  i-0d949d3b5f417c6b6 (Aryan)
  PublicIPs: 52.207.231.96 PrivateIPs: 172.31.36.118
```

