# **Experiment 1**

## Part 1: a) To develop a website and host it on your local machine on a VM

Download xampp from this website <a href="https://www.apachefriends.org/download.html">https://www.apachefriends.org/download.html</a>

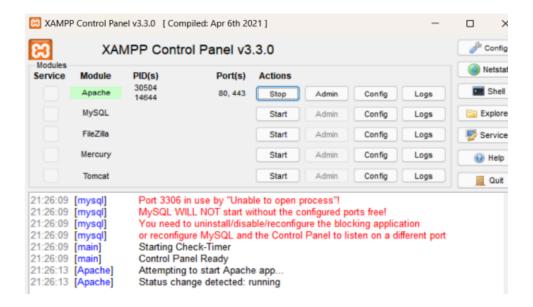


After downloading just select Apache and MySQL you can skip other options as it is not required.

Now go in the xampp folder and inside the <a href="httdocs">httdocs</a> file create a php file just like this



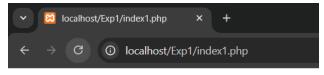
Save it and go to the xampp control panel and start the Apache and MySQL



Go in the browser and type localhost and hit enter you will get to see the file you created like in this case index1.php



Click on the index1.php and the website is hosted locally.



Hi, Akanksha Shinde from D15C

# Hosting a static website on Amazon S3

After creating the bucket on AWS add the file in it that is to be hosted and configure the visibility as public and add /\* at the end of the resource key.

# Bucket policy The bucket policy, written in JSON, provides access to the objects stored in the buck { "Version": "2012-10-17", "Id": "Policy1722527682607", "Statement": [ { "Sid": "Stmt1722527493263", "Effect": "Allow", "Principal": "\*", "Action": "s3:GetObject", "Resource": "arn:aws:s3:::firstbucket-staticwebsite/\*" } ] }

Copy the url from the Bucket ARN and paste it in the browser and the static website is hosted.



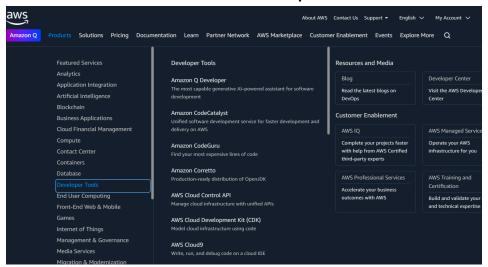
# Hi, I am Akanksha Shinde.

A Third-year engineering student.

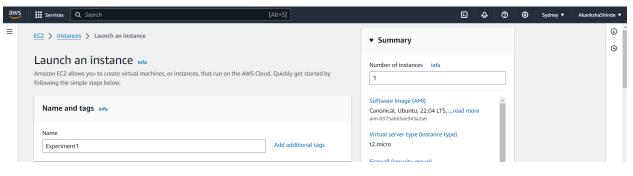
I'm pursuing IT engineering at VESIT.

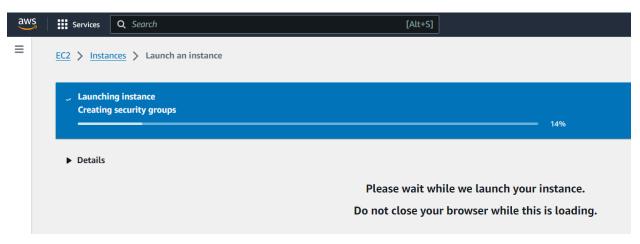
# **To Create EC2 instance**

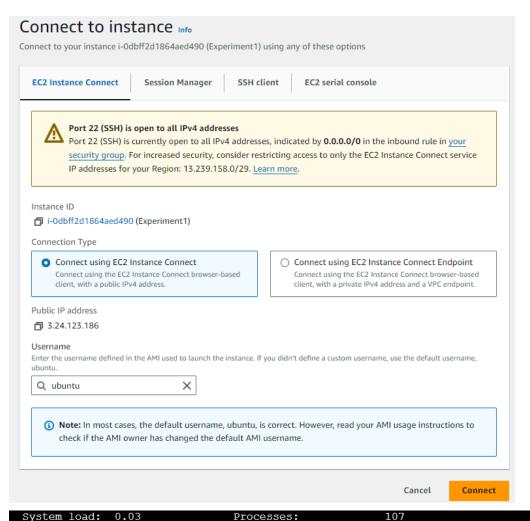
### Go to AWS services and search for developer tools



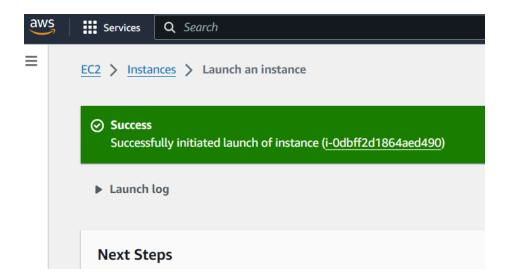
### Search for EC2 instance and launch an instance



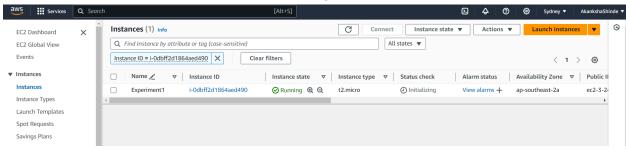




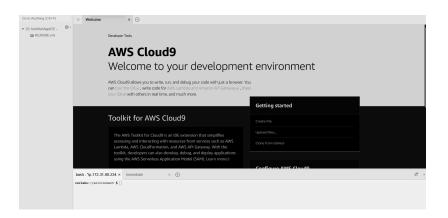
Users logged in: Usage of /: 6.5% of 24.05GB IPv4 address for eth0: 172.31.15.82 Memory usage: 21% Swap usage: Expanded Security Maintenance for Applications is not enabled. 0 updates can be applied immediately. Enable ESM Apps to receive additional future security updates. See https://ubuntu.com/esm or run: sudo pro status The list of available updates is more than a week old. To check for new updates run: sudo apt update The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/\*/copyright. Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law. To run a command as administrator (user "root"), use "sudo <command>". See "man sudo root" for details. ubuntu@ip-172-31-15-82:~\$

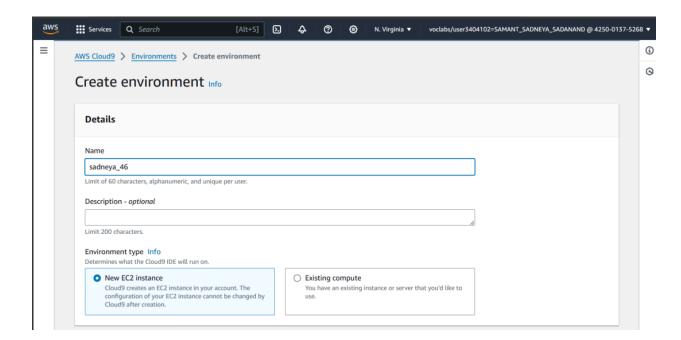


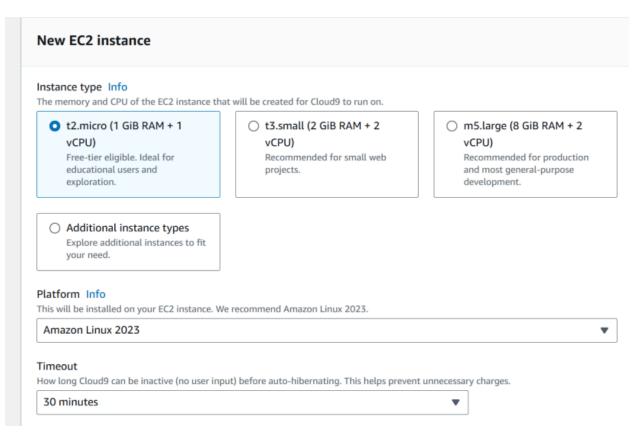
# An instance would be recorded with the name you created.

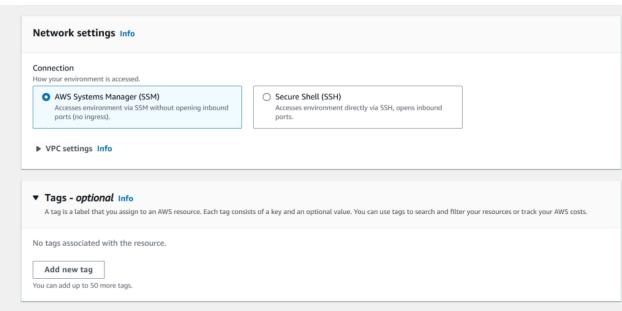


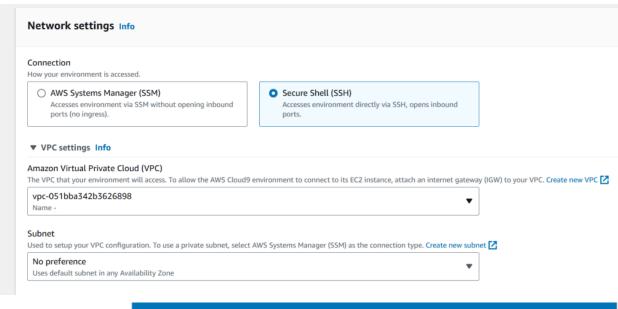
# **Experiment 1 B**

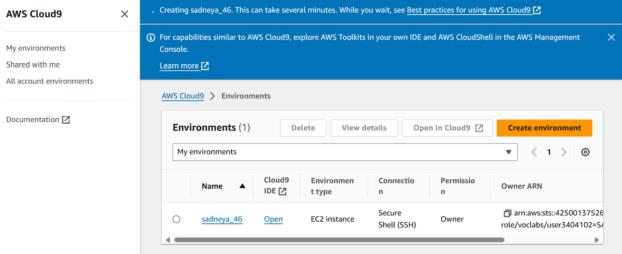






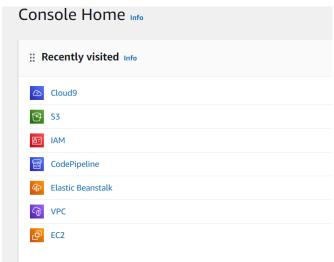




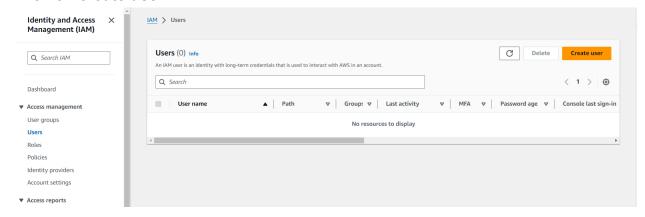


# **IAM**

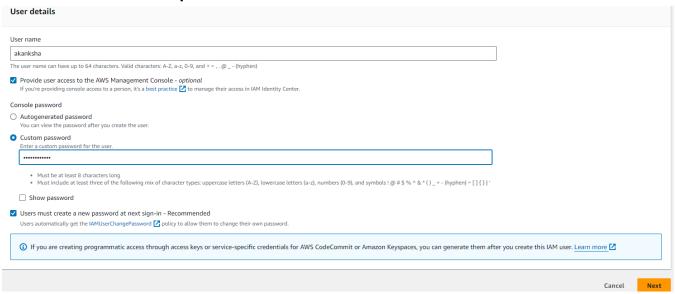
# Go to IAM services



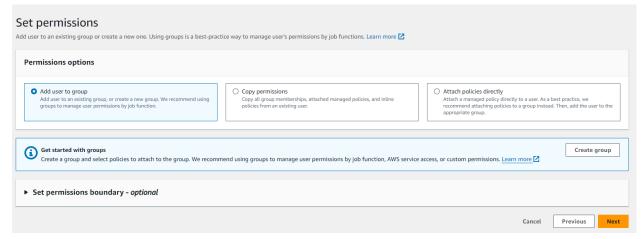
## Click on create user



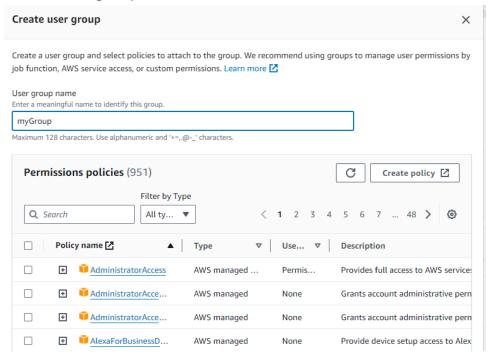
# Give username and set password



# Set permissions as below



# Create user group



### You must see the below screen

