**Name : Aarya Tiwari**

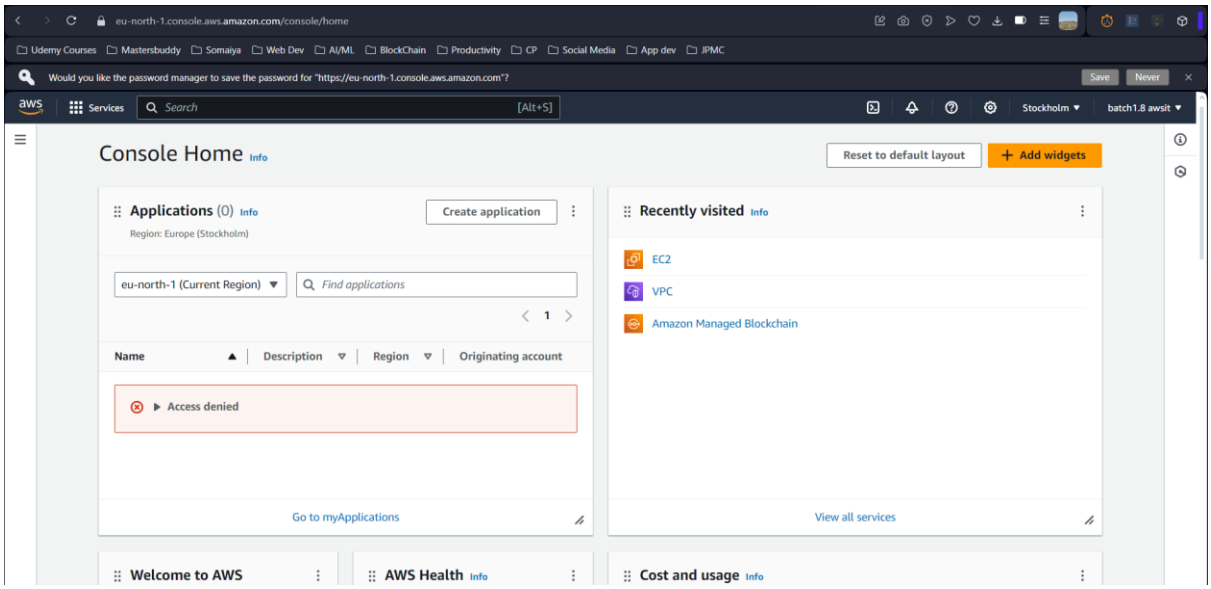
**Batch : A3**

**Roll No. : 16010421119**

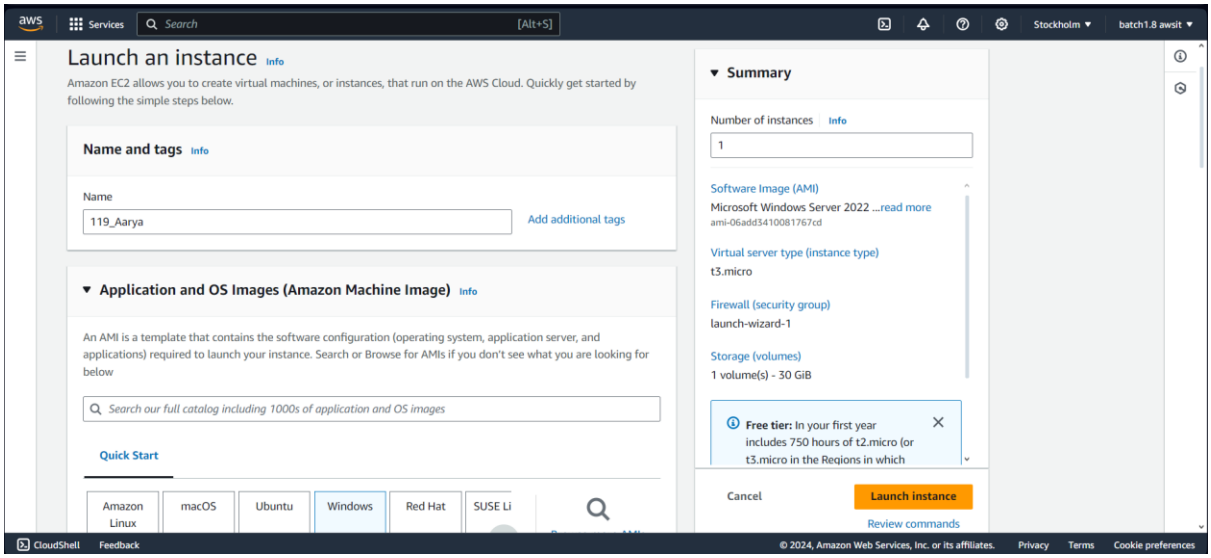
**Course: Cloud Computing**

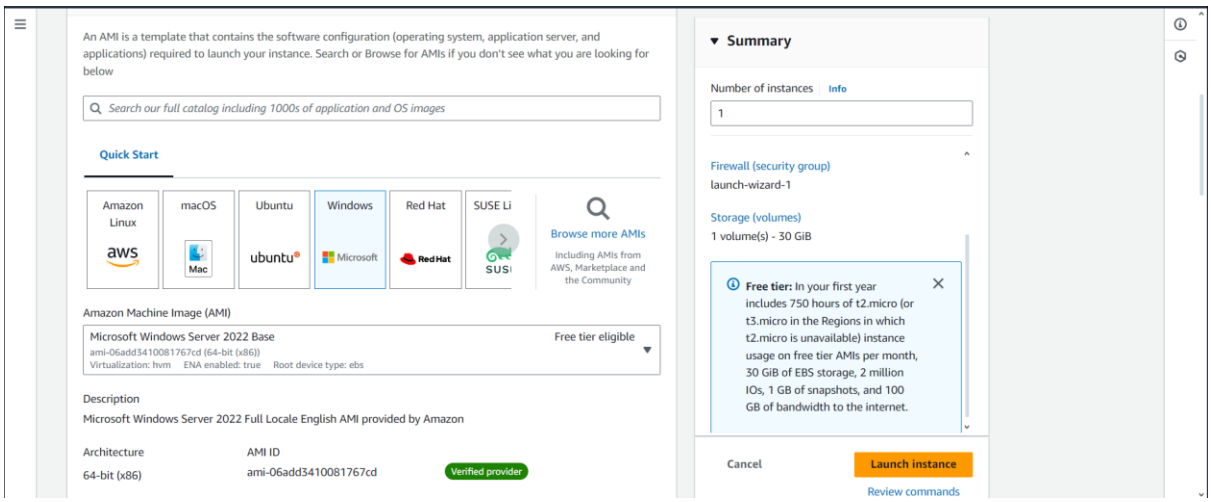
**Experiment No. : 3**

## Creating EC2 Instance

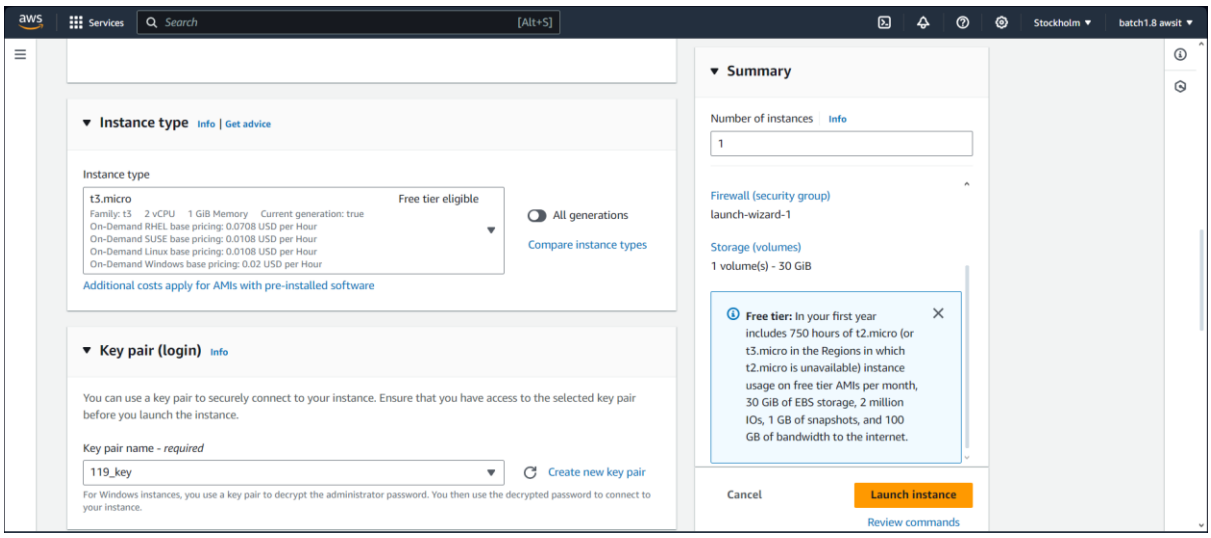


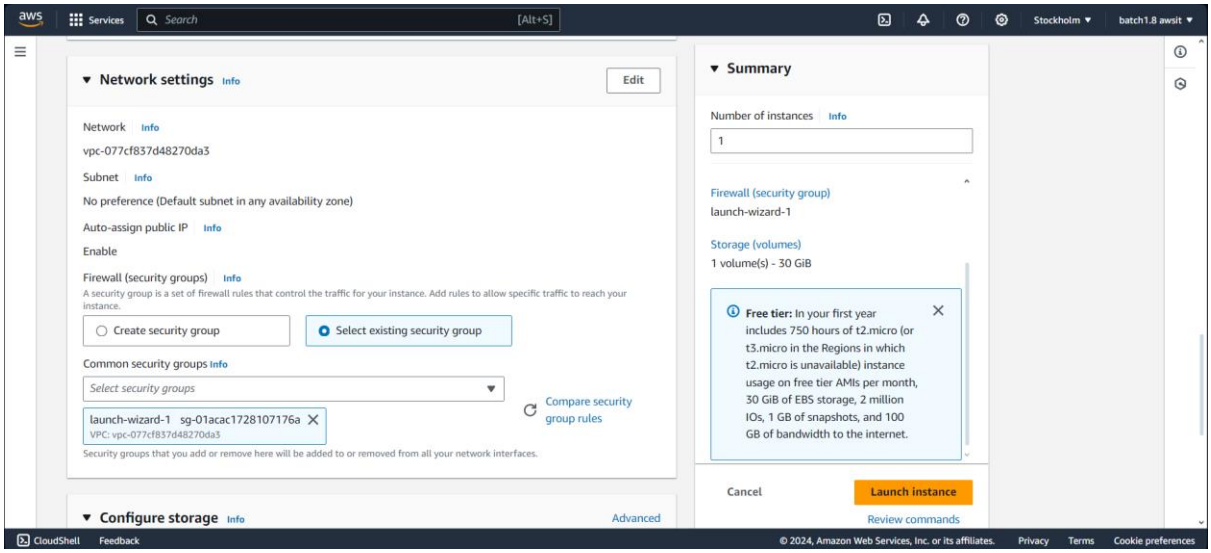

## Adding Name and Machine Image



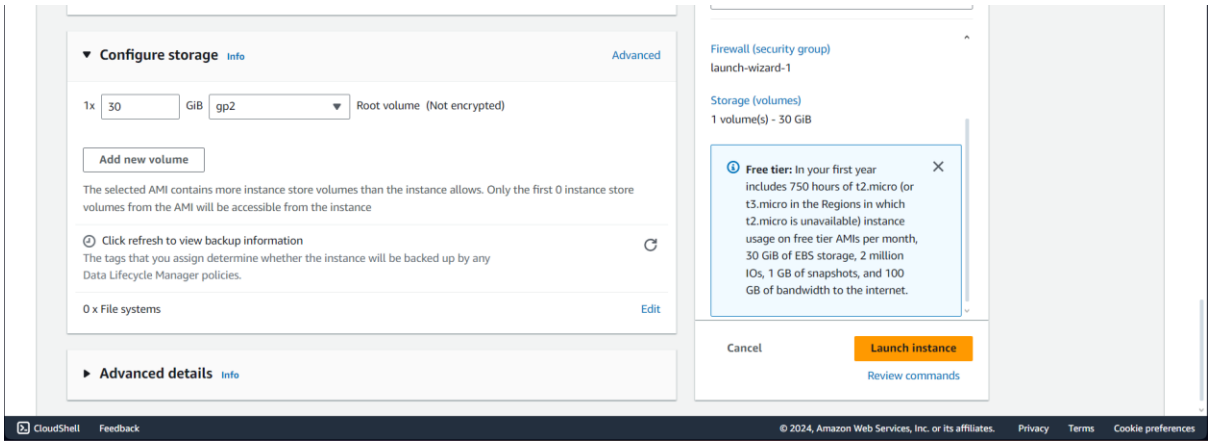


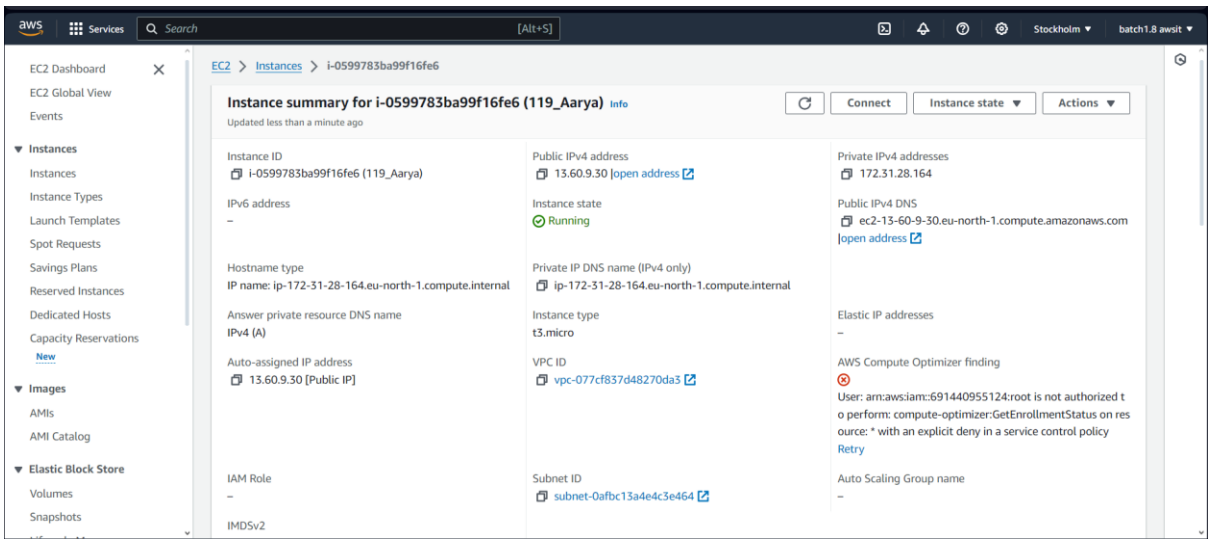

## Adding Key Value Pair

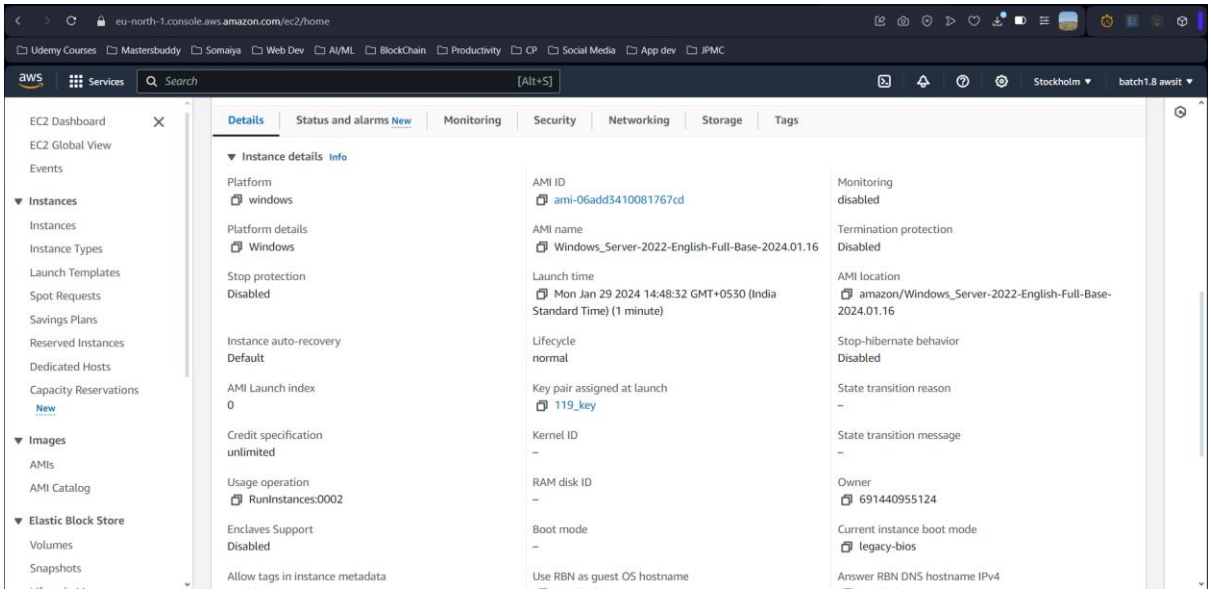





## Adding Existing Security Group

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Mastersbuddy
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Web Dev
AI/ML
BlockChain
Productivity
CP
Social Media
App dev
JPMC
Services
Search
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Stockholm
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EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Details
Status and alarms New
Monitoring
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Instance details Info
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Launch time
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Default
Lifecycle
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Stop-hibernate behavior
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Boot mode
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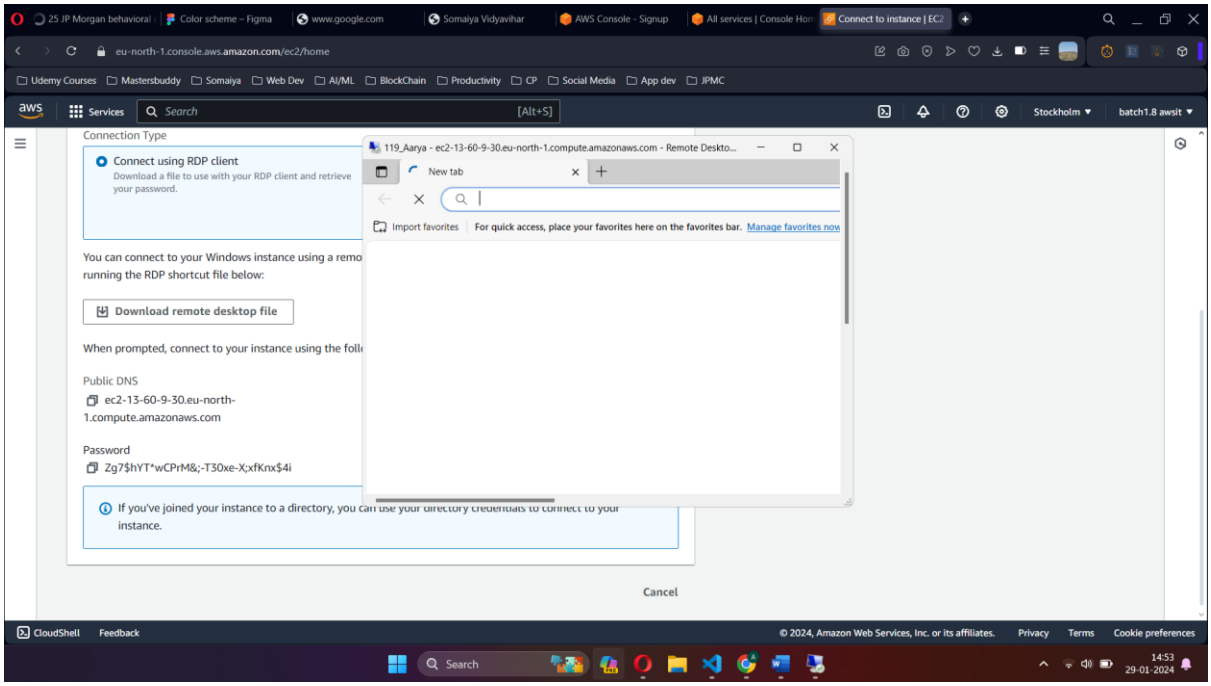
Allow tags in instance metadata
Use RBN as guest OS hostname
Answer RBN DNS hostname IPv4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Connection Type
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New tab
Import favorites
For quick access, place your favorites here on the favorites bar.
Manage favorites now
You can connect to your Windows instance using a remo
running the RDP shortcut file below:
Download remote desktop file
When prompted, connect to your instance using the foll
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ec2-13-60-9-30.eu-north-1.compute.amazonaws.com
Password
Zg7$hYT*wCPrM&;-T30xe-X;xfKnx$4i
If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.
Cancel
CloudShell
Feedback
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Search
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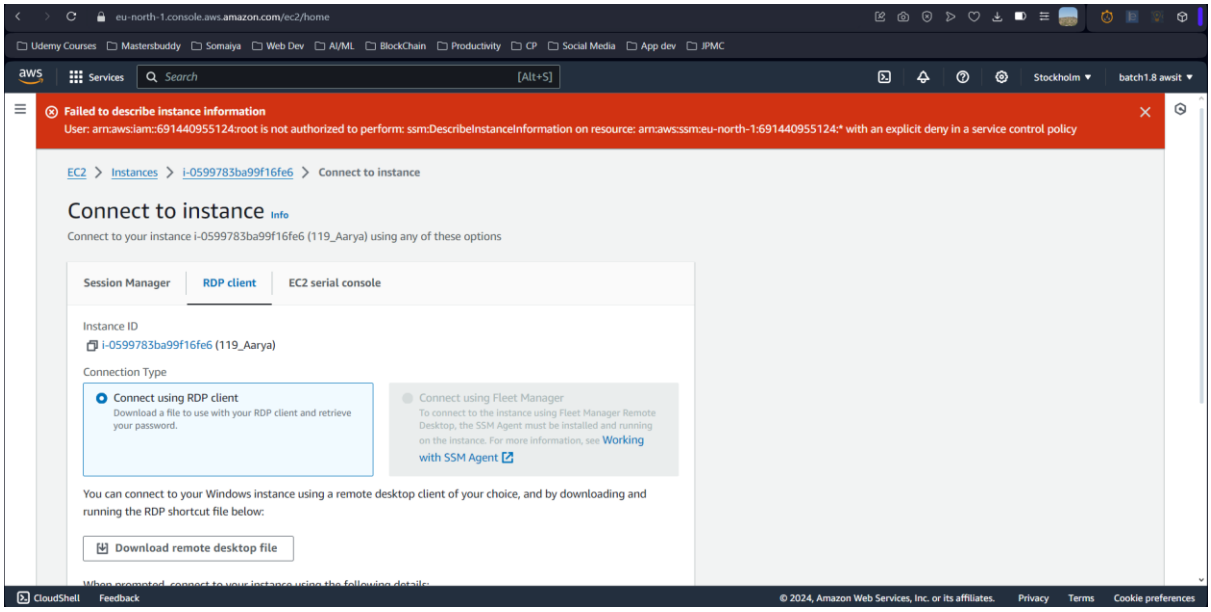
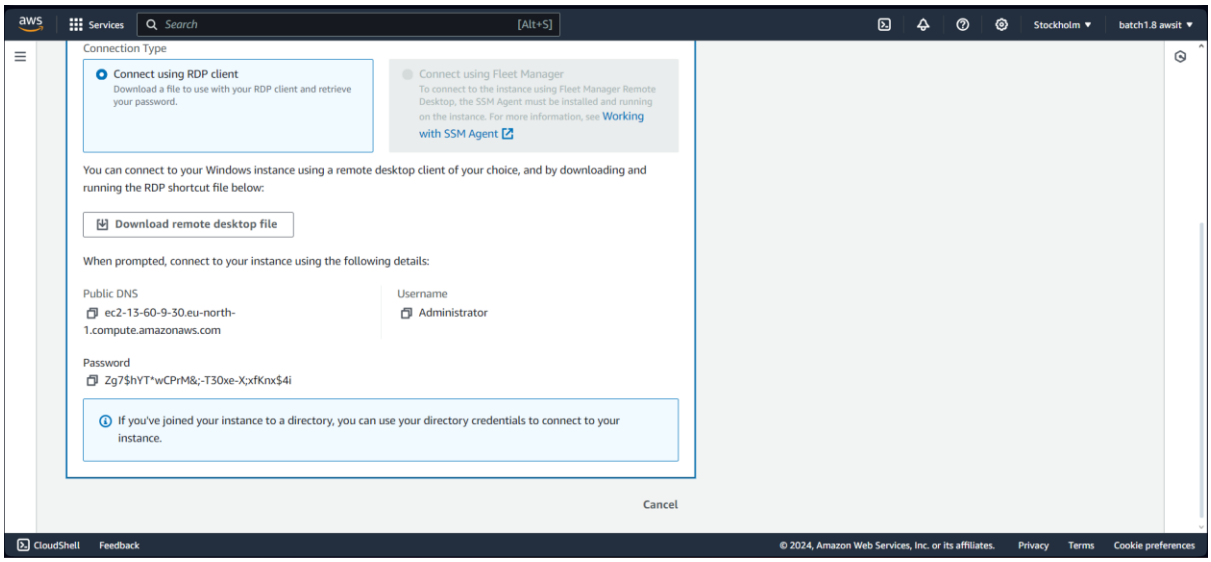
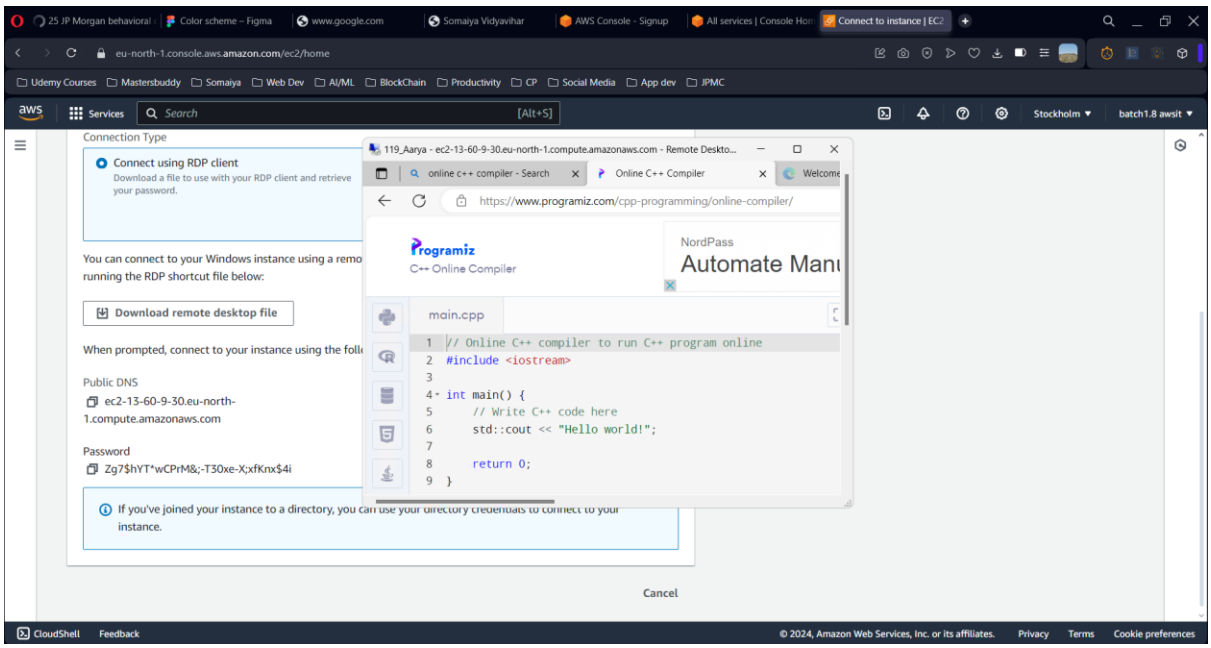


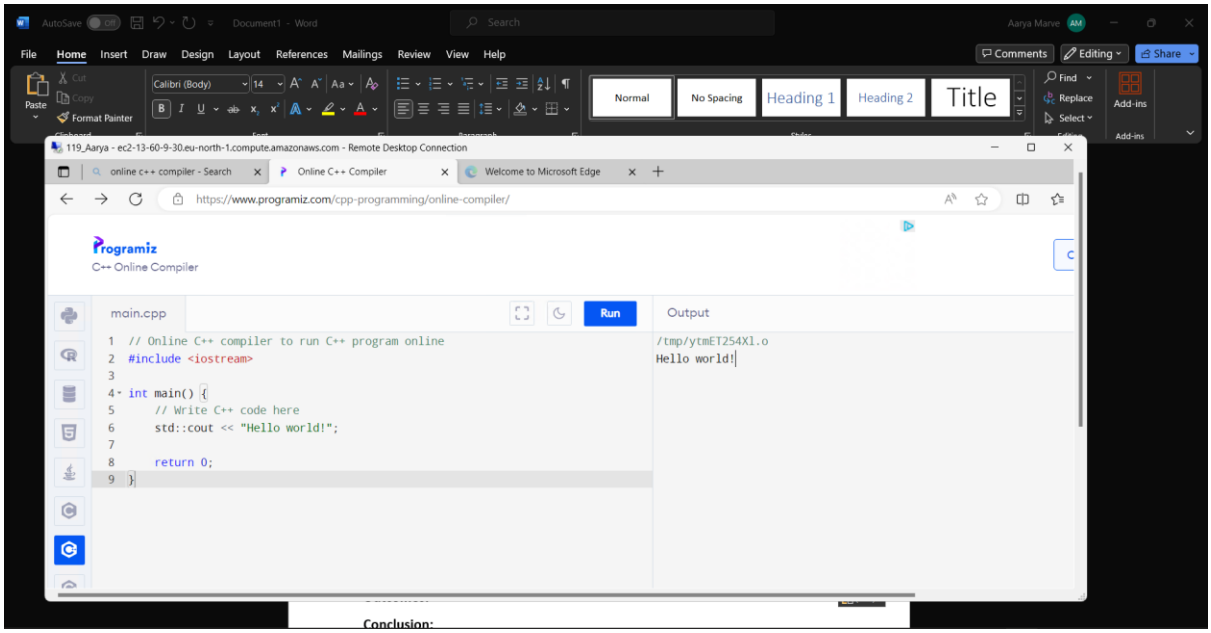

# Connecting Instance using RDP Client



## Instance Created




## Running Hello World in Instance



## Post Lab Questions:

**Q1 . Explain two AWS IaaS, PaaS and SaaS services for each?**

**Ans.**

**IaaS (Infrastructure as a Service):**

- **Amazon EC2 (Elastic Compute Cloud):** This service provides virtual servers in the cloud, allowing you to rent computing capacity with a wide range of configurations. You have full control over the servers and can install any operating system or software needed for your applications.

- **Amazon S3 (Simple Storage Service):** S3 offers object storage for data of any size and type. It's highly scalable, durable, and cost-effective, making it suitable for various use cases like backups, archiving, and hosting static website content.

**PaaS (Platform as a Service):**

- **AWS Elastic Beanstalk:** This service simplifies deployment and scaling of web applications. It supports various programming languages and frameworks, allowing you to focus on application development while Elastic Beanstalk manages the underlying infrastructure.

- **AWS Lambda:** Lambda provides a serverless compute service. You can upload code that executes in response to events without managing servers. This is ideal for running short-lived tasks or microservices triggered by user actions or data changes.

**SaaS (Software as a Service):**

- **Amazon WorkMail:** This service offers a secure, managed email and calendaring solution. It integrates with your existing directory services, allowing users to access their email and calendar through a web browser or mobile app.

- **Amazon Chime:** Chime provides a cloud-based communication platform for voice, video, and chat. It facilitates collaboration within teams and with external guests, eliminating the need for separate video conferencing or chat applications.

**Outcomes:**

CO2:Study the Evolution of Cloud Computing and its models

**Conclusion:**

We can conclude that we have learnt that Creating Window Virtual Machine Instance using AWS (IaaS)