Name : **Amanraj Pravin Siriah**

Roll No : **A2_33**

Subject : **Cloud Computing LAB**

You are tasked with demonstrating the usage of different AWS storage services to a group of colleagues who are new to cloud computing. Your goal is to provide hands-on experience with Amazon S3 and Amazon EBS. Create a step-by-step guide for this demonstration, covering the creation, configuration, and use of each storage service.

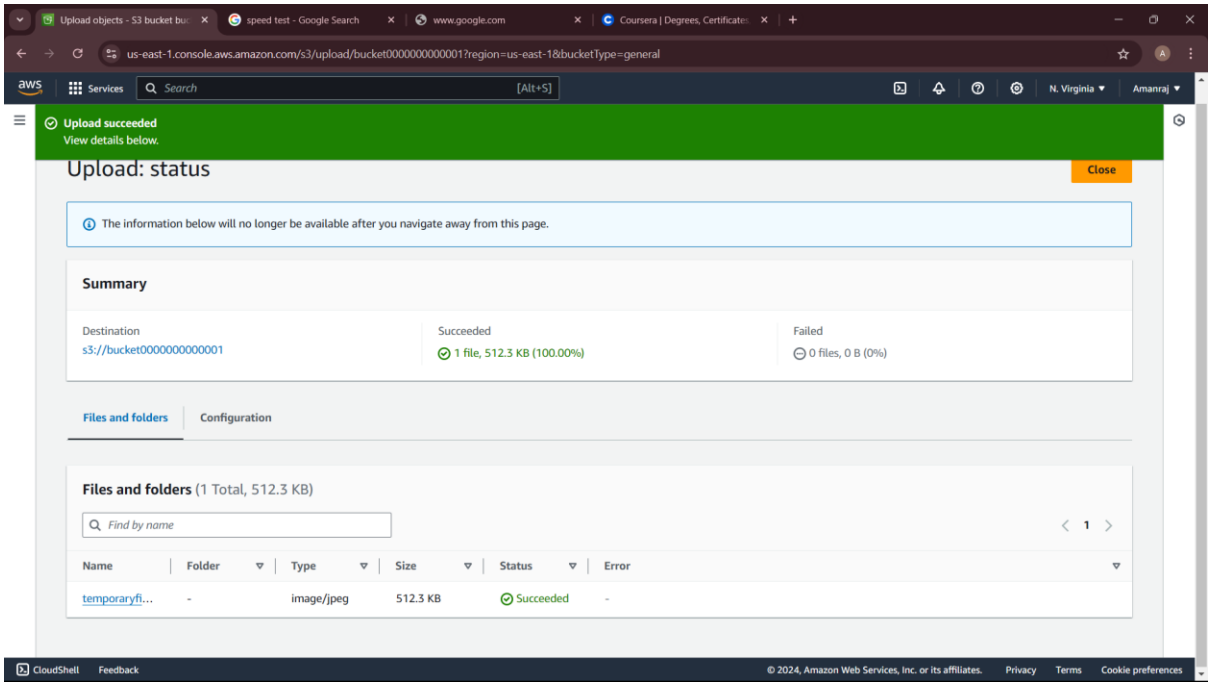
Task 1:

Demonstrate the process of creating Amazon Elastic Block storage(EBS) storage to your team. The goal is to showcase the steps to add an EBS Volume, mount it on an Amazon EC2 instance, and demonstrate file sharing across multiple instances using Snapshots. Describe the step-by-step process, including creating the EBS Volume, configuring security groups, and mounting it on EC2 instances.

Task 1:

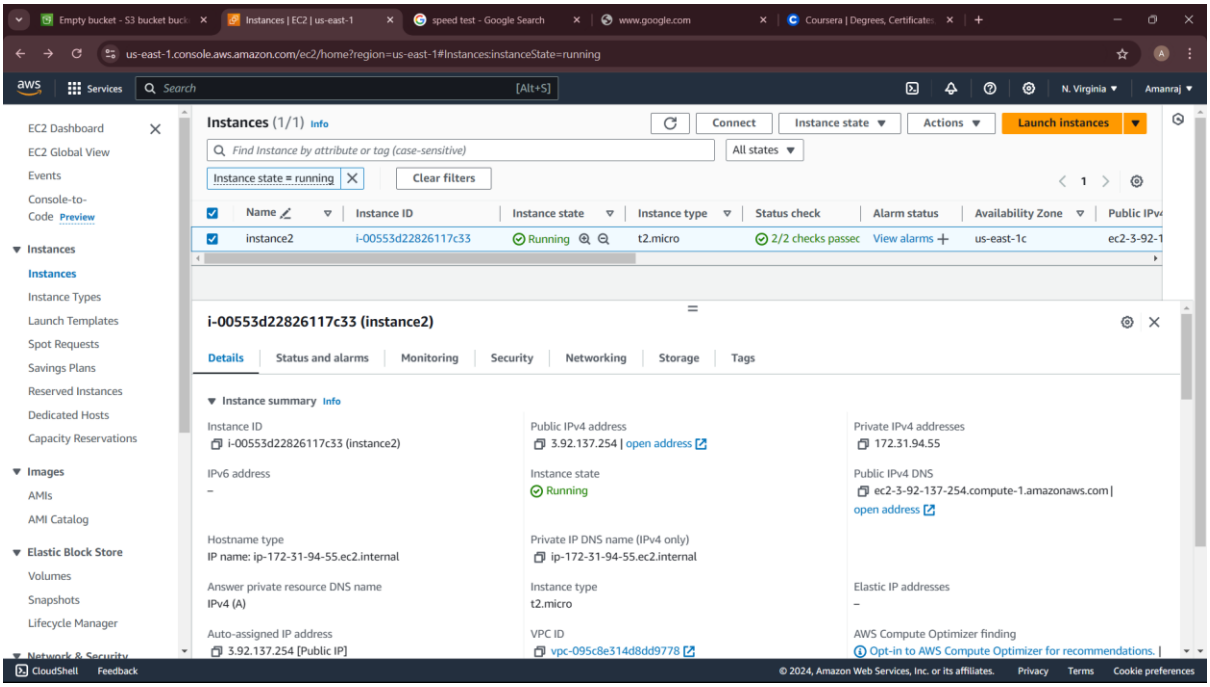
Demonstrate the process of creating a static website using Amazon S3 bucket storage to a group of beginners. The website should include multiple HTML files, CSS stylesheets, and images. Describe the step-by-step process, including setting up the S3 bucket, configuring the necessary permissions, and ensuring the website is accessible via a web browser.**S3 Bucket :**

- Created an S3 Bucket and uploaded a temporary file successfully .

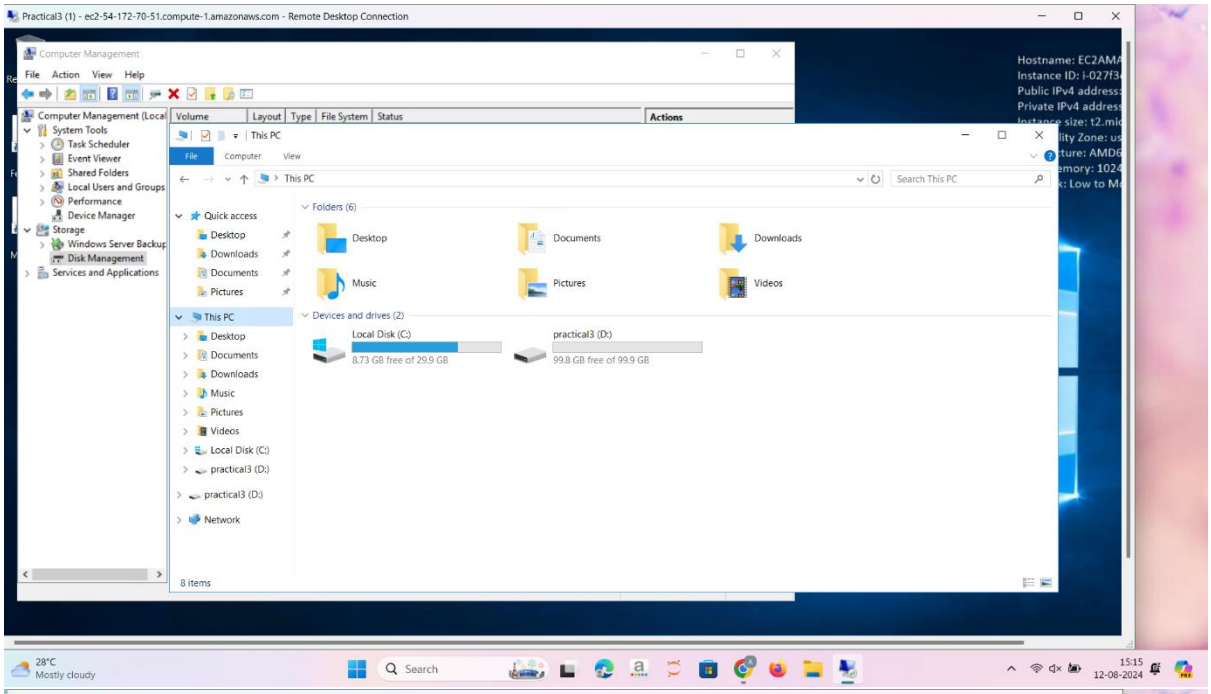


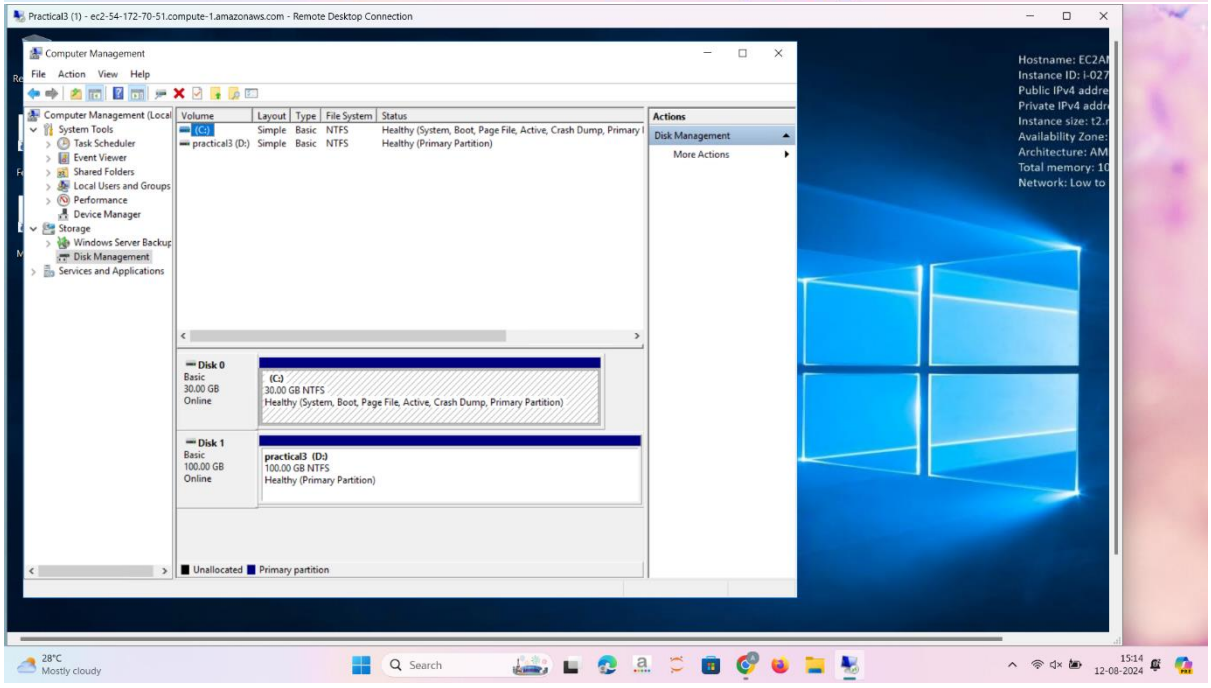
Instances :

- Created an Instance successfully



- Successfully added an extra space of 100GB .


Practical3 (1) - ec2-54-172-70-51.compute-1.amazonaws.com - Remote Desktop Connection
Computer Management
File Action View Help
Computer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Performance
Device Manager
Storage
Windows Server Backup
Disk Management
Services and Applications
Volume Layout Type File System Status
Actions
This PC
File Computer View
This PC
Search This PC
Quick access
Desktop
Downloads
Documents
Pictures
Folders (6)
Desktop
Documents
Downloads
Music
Pictures
Videos
Devices and drives (2)
Local Disk (C:)
8.73 GB free of 29.9 GB
practical3 (D:)
99.8 GB free of 99.9 GB
This PC
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
practical3 (D:)
practical3 (D:)
Network
8 items
Hostname: EC2AMA
Instance ID: i-027f3
Public IPv4 address:
Private IPv4 address
Instance size: t2.mic
Availability Zone: us
Architecture: AMD6
Total memory: 1024
Network: Low to M
28°C
Mostly cloudy
Search
15:15
12-08-2024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Computer Management
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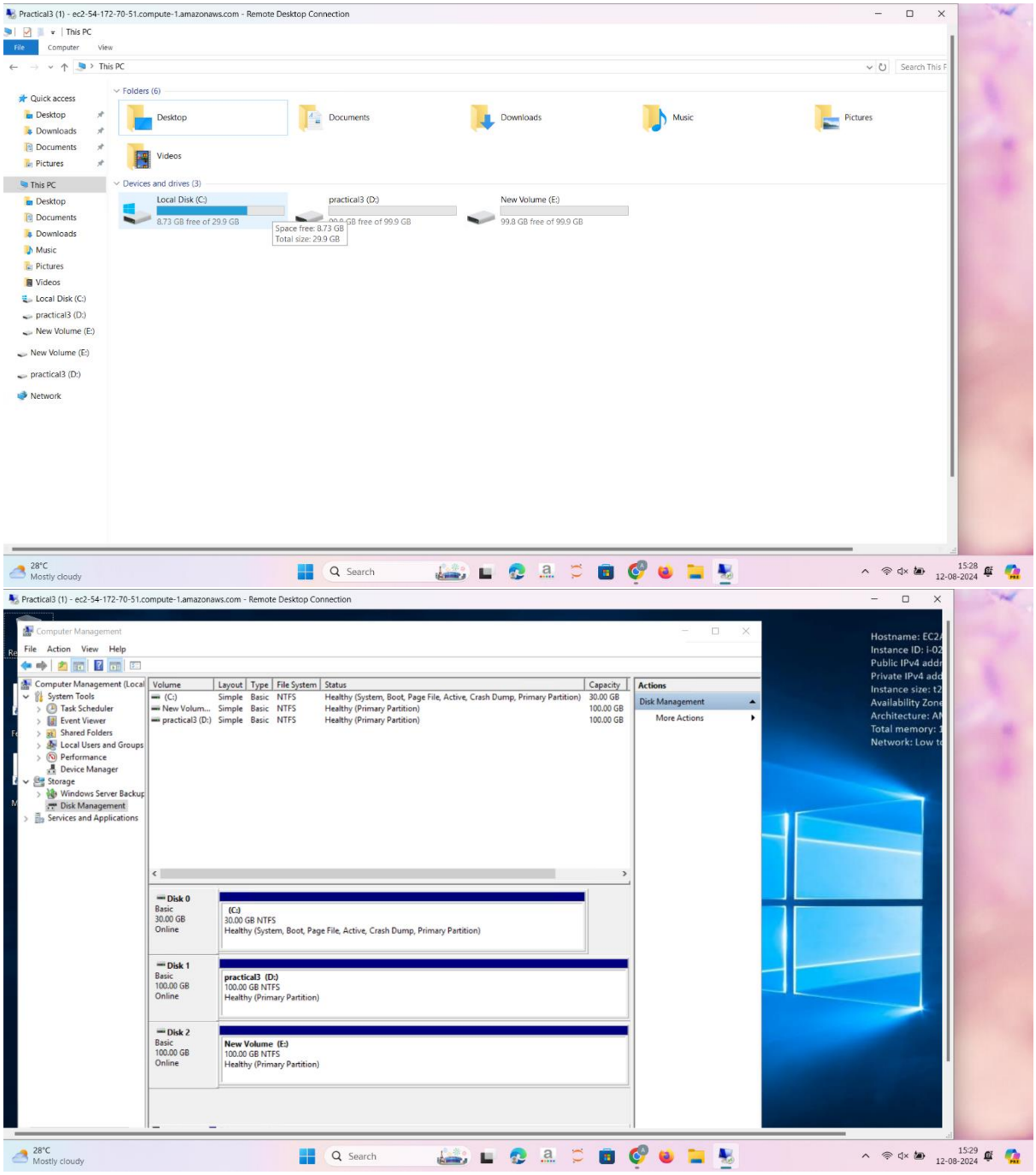
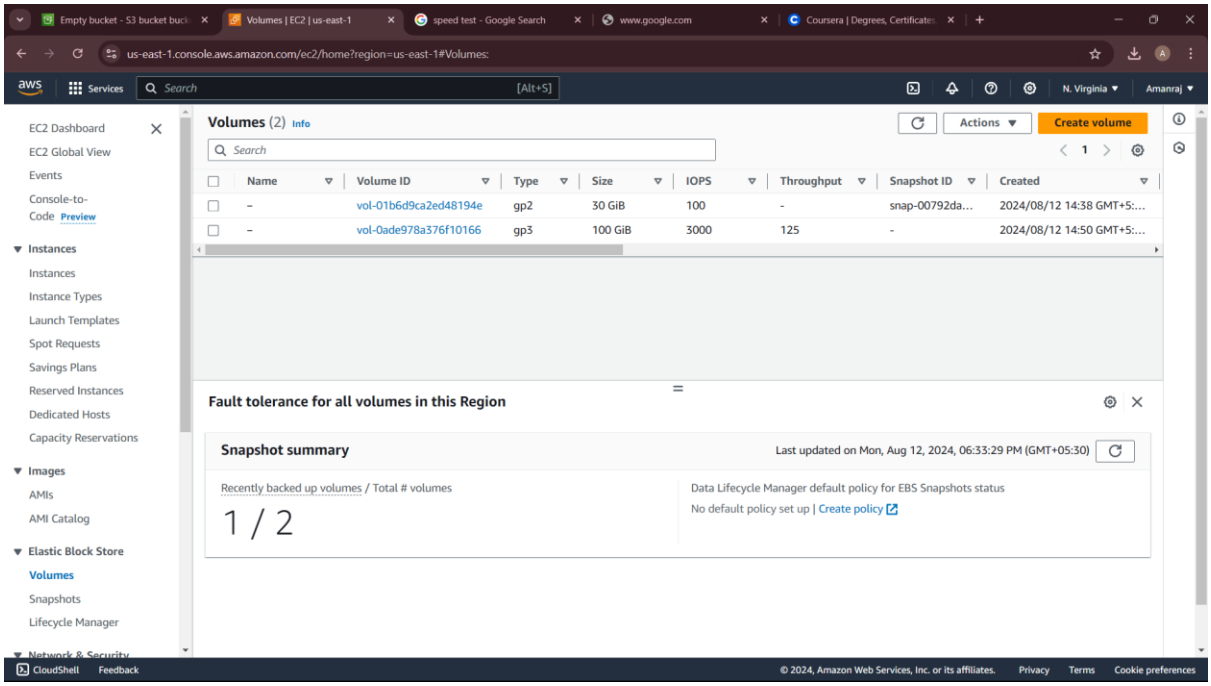
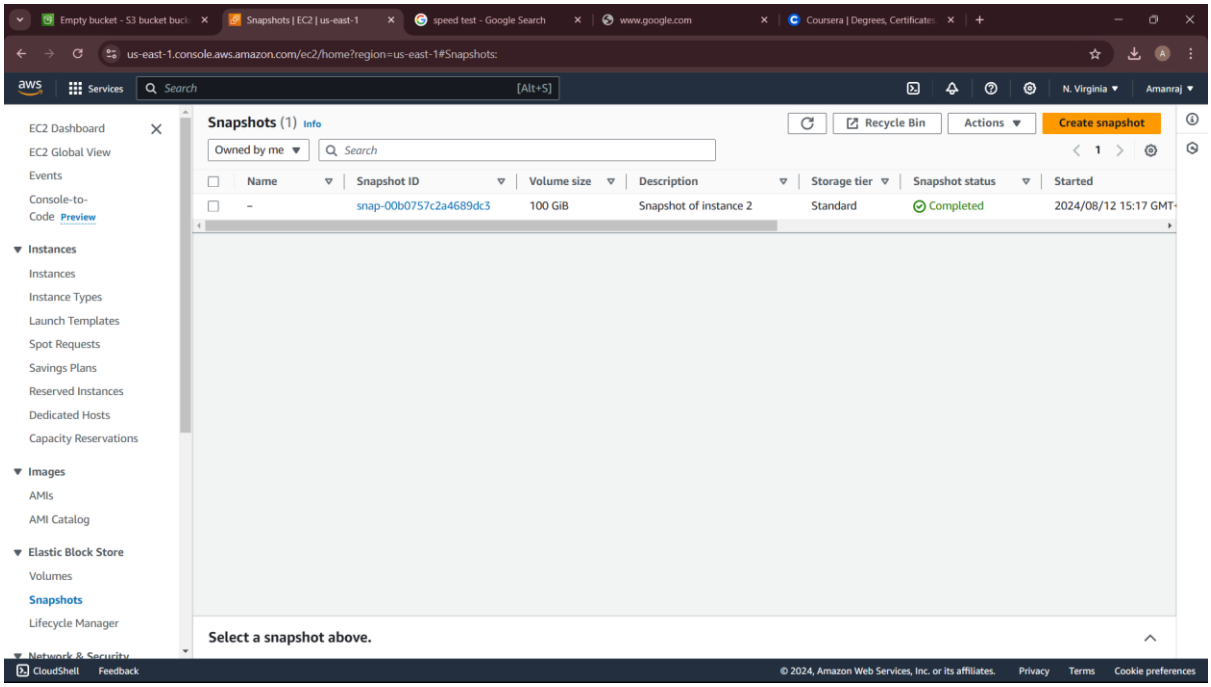
Event Viewer
Shared Folders
Local Users and Groups
Performance
Device Manager
Storage
Windows Server Backup
Disk Management
Services and Applications
Volume Layout Type File System Status
(C:) Simple Basic NTFS Healthy (System, Boot, Page File, Active, Crash Dump, Primary
practical3 (D:) Simple Basic NTFS Healthy (Primary Partition)
Actions
Disk Management
More Actions
Disk 0
Basic
30.00 GB
Online
(C:)
30.00 GB NTFS
Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)
Disk 1
Basic
100.00 GB
Online
practical3 (D:)
100.00 GB NTFS
Healthy (Primary Partition)
Unallocated
Primary partition
Hostname: EC2AM
Instance ID: i-027
Public IPv4 addre
Private IPv4 addr
Instance size: t2.
Availability Zone:
Architecture: AM
Total memory: 10
Network: Low to
28°C
Mostly cloudy
Search
15:14
12-08-2024



Volume(100GB) :

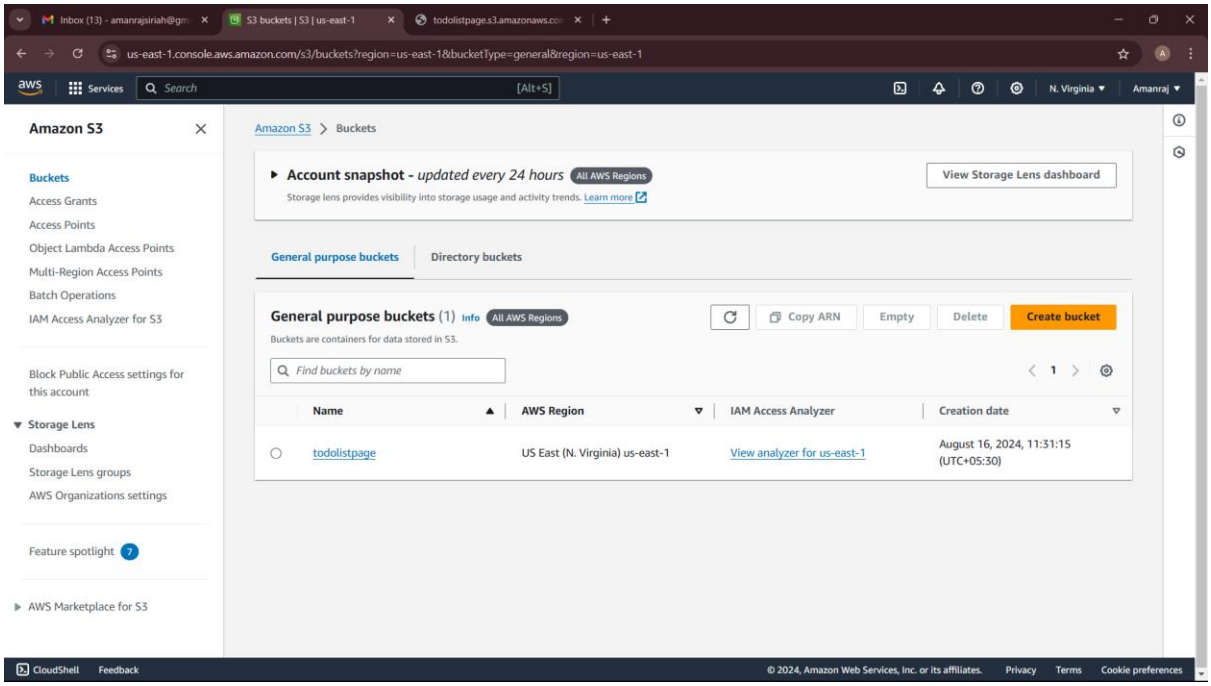


Snapshot:

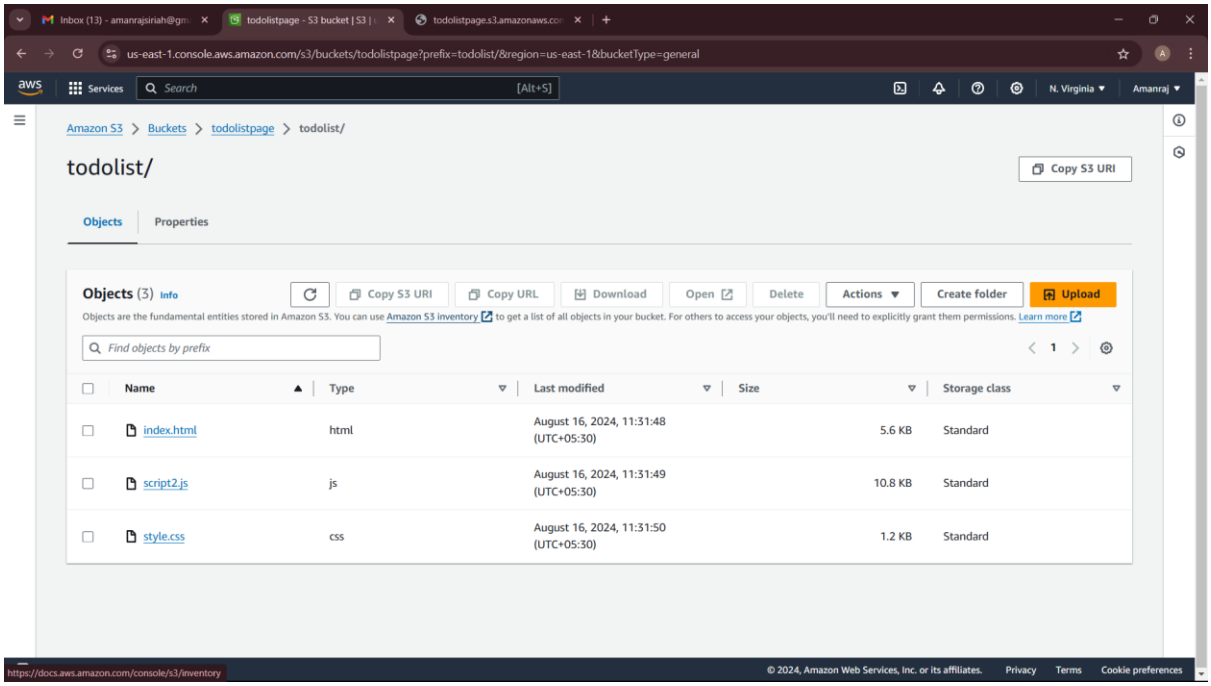


Successfully Deploy of Static website on AWS S3 Bucket :

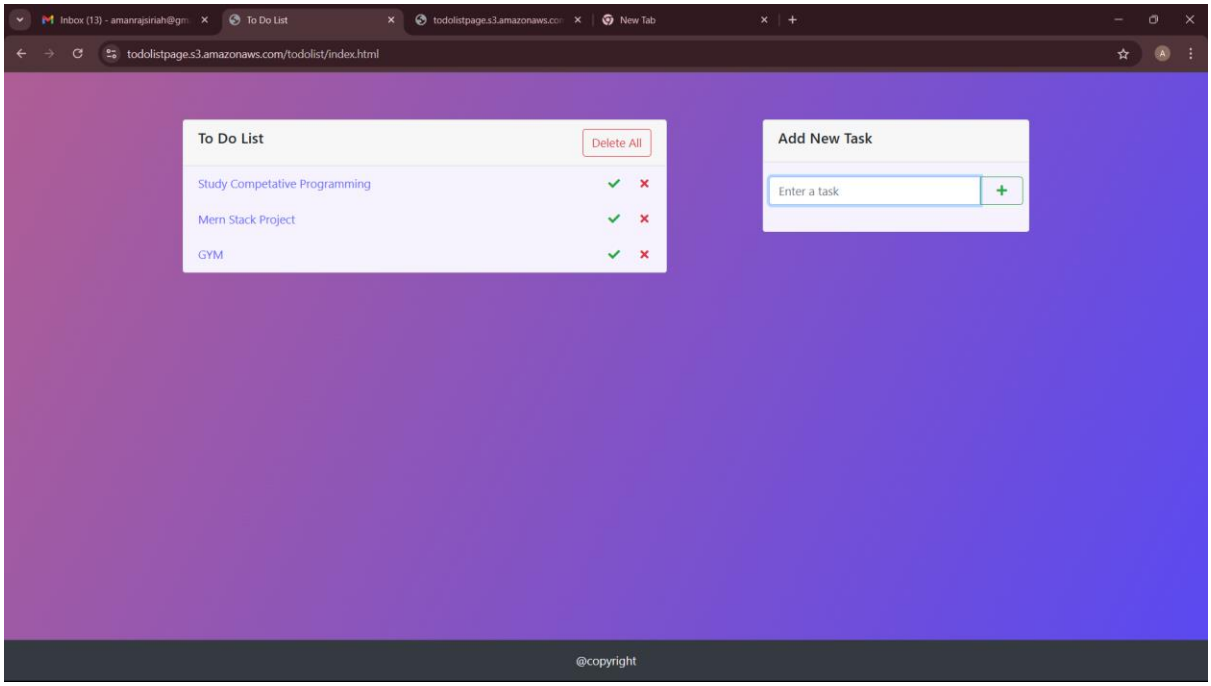
Bucket Creation :



Upload the Static Website Page :



Hosted Website :


Inbox (13) - amanrajsiriah@gm
To Do List
New Tab
todolistpage.s3.amazonaws.com/todolist/index.html
To Do List
Delete All
Study Competative Programming
Mern Stack Project
GYM
Add New Task
Enter a task
@copyright