

Lab Assignment-1

ECSE304L: Cloud Computing

Name: Tanvi Penumudy

Enroll no: E18CSE187

Batch: EB02

Lab Activities:

Task 1: Create AWS Free Tier Personal Account.

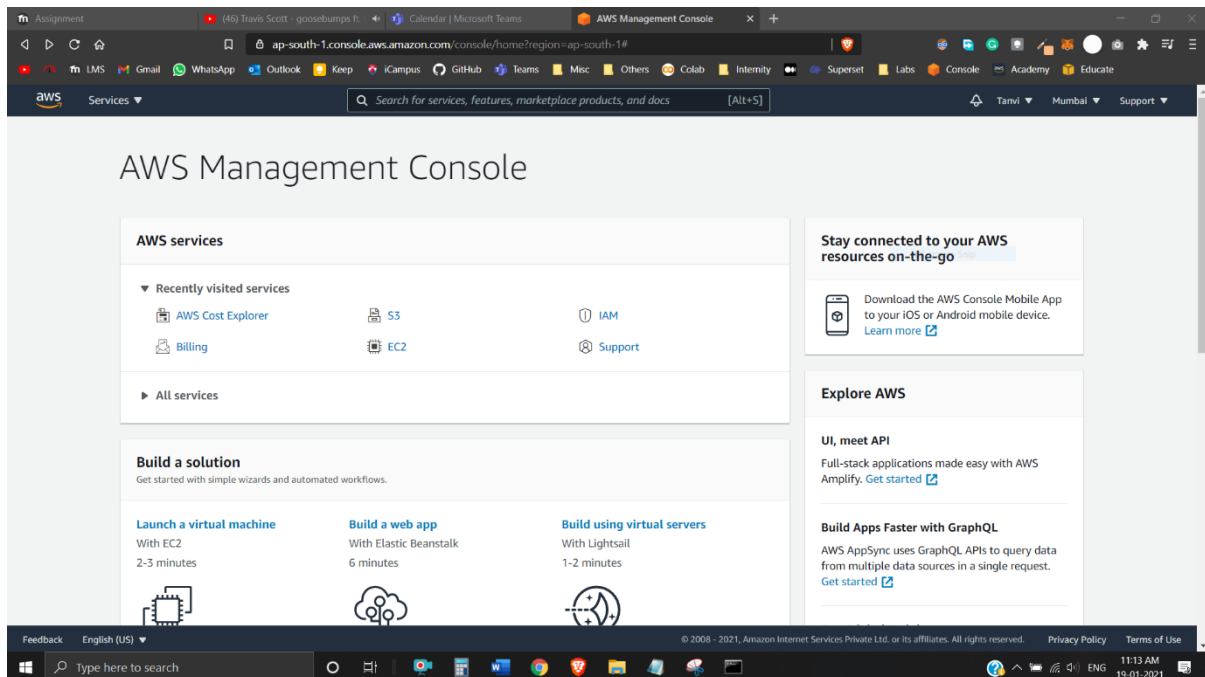
Task 2: Review the AWS Services and Account, Billing, Cost Dashboard, Cost Explorer, etc.

Task 3: Launch, Connect and Install EC2 IIS Webserver and Create a Static HTML Web Page.

Implementation Screenshots:

Task 1

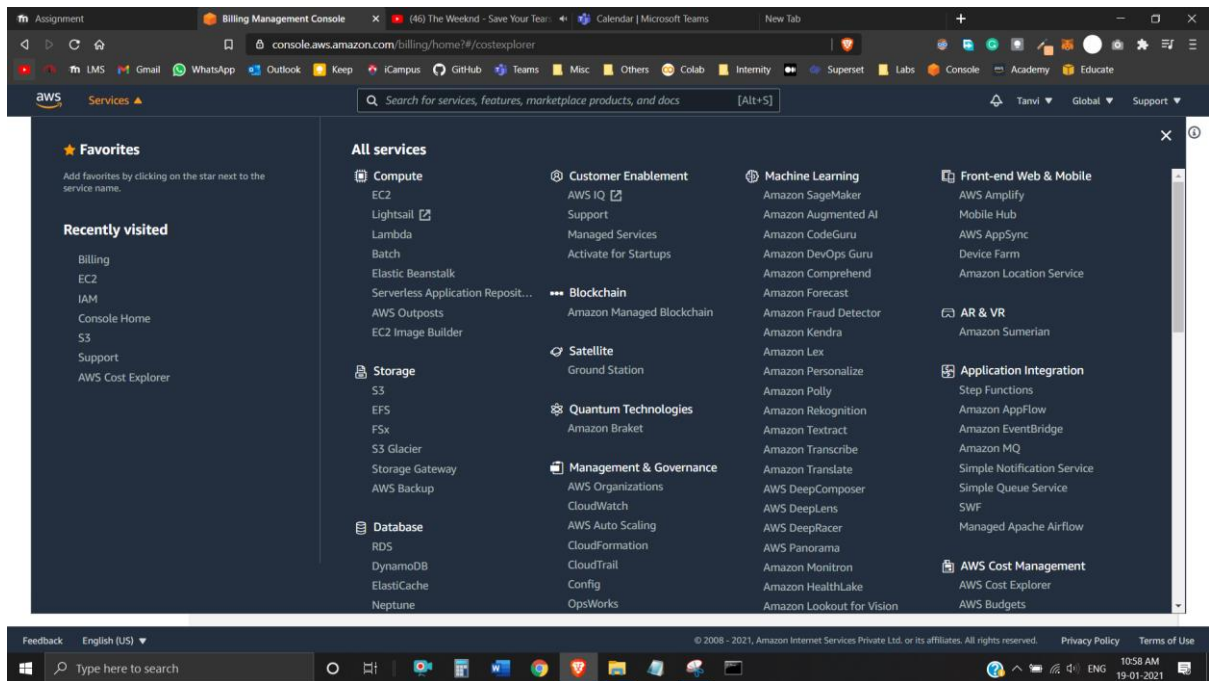
- Created an Account on AWS



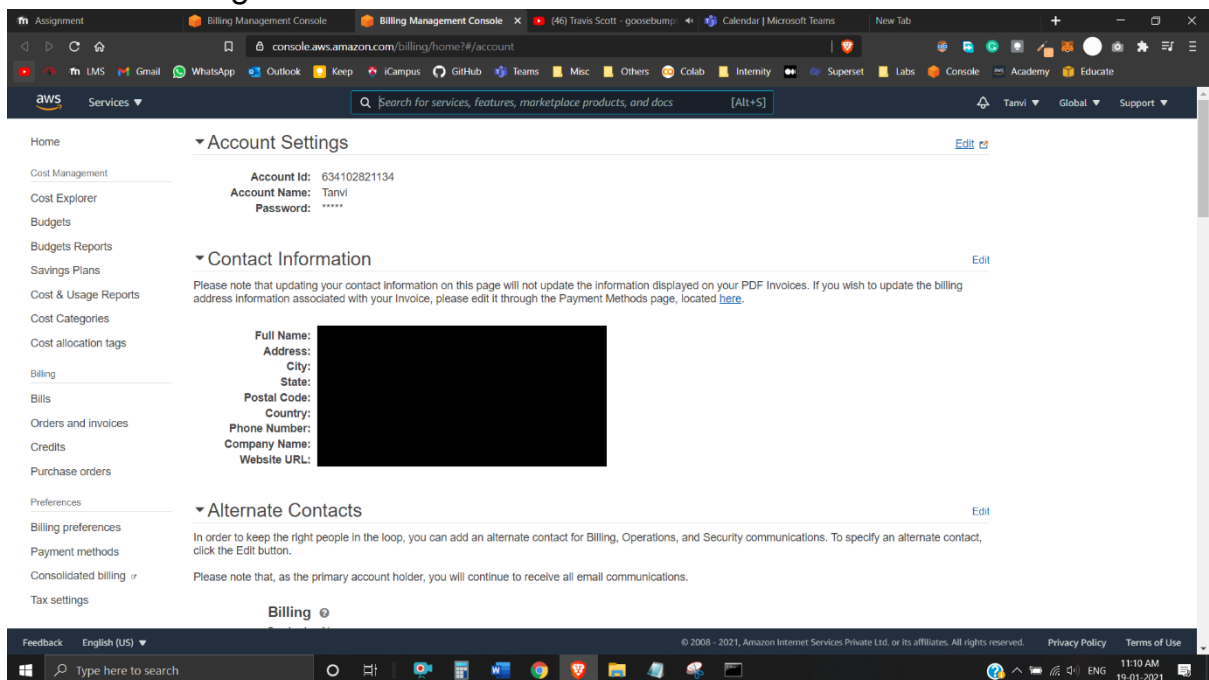
Task 2 – Reviewed:

- AWS Services
- Account
- Billing
- Cost Dashboard
- Cost Explorer

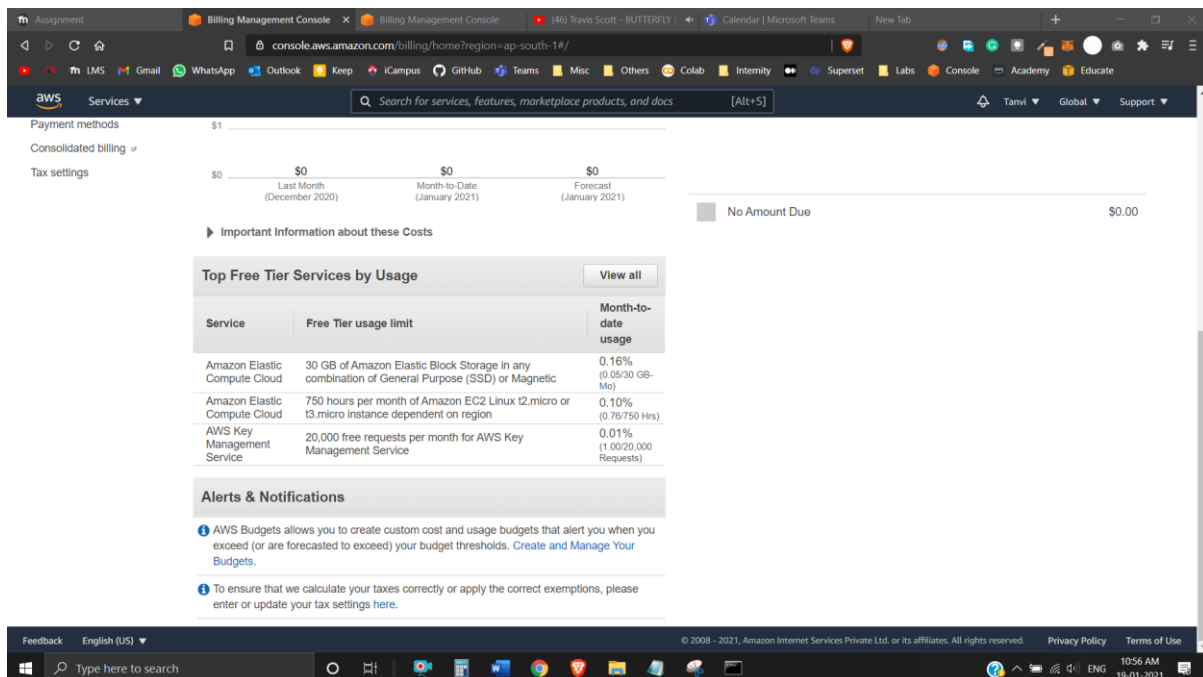
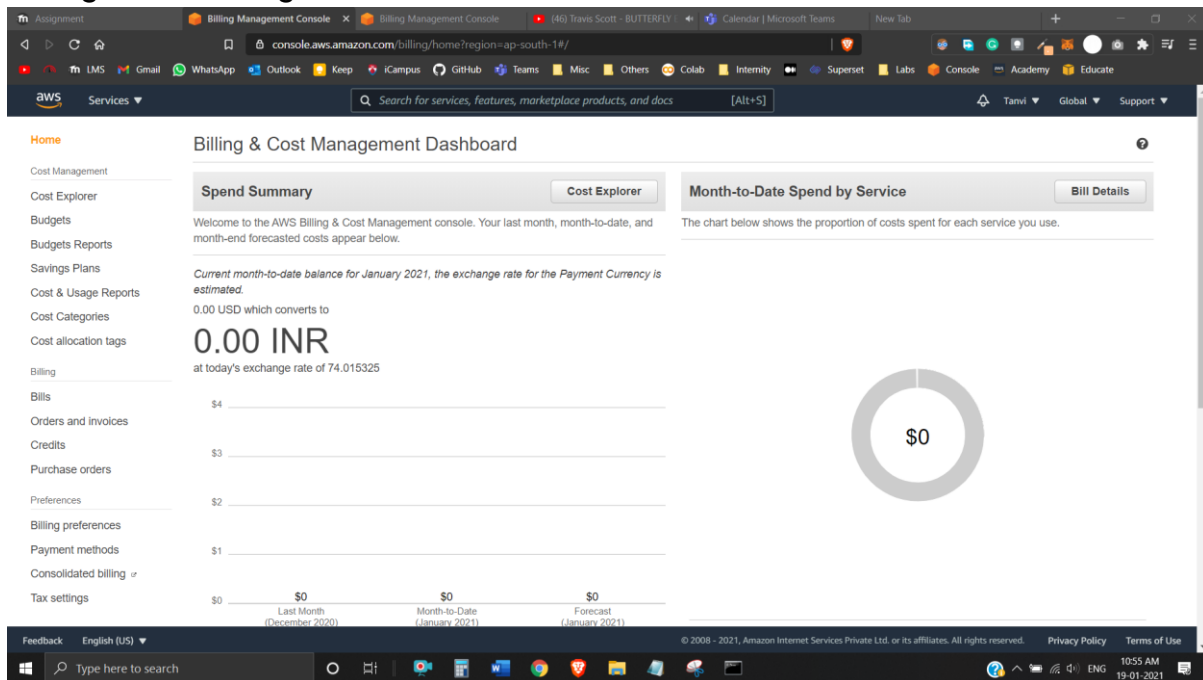
AWS Services:



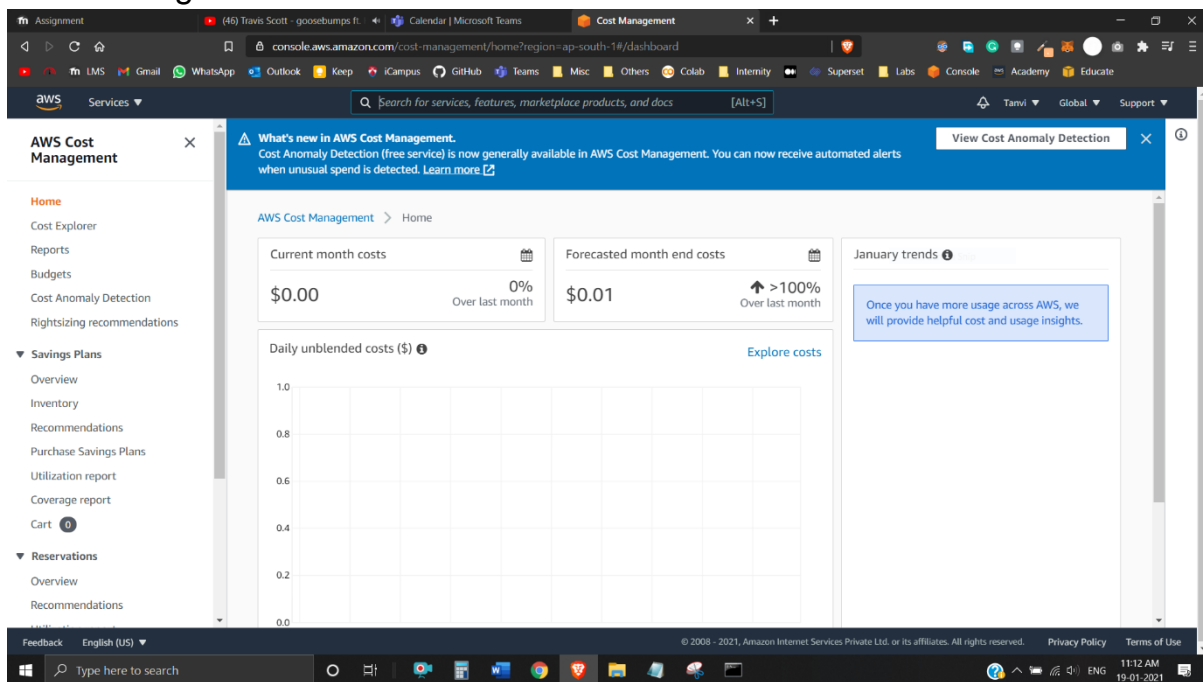
Account/Settings:



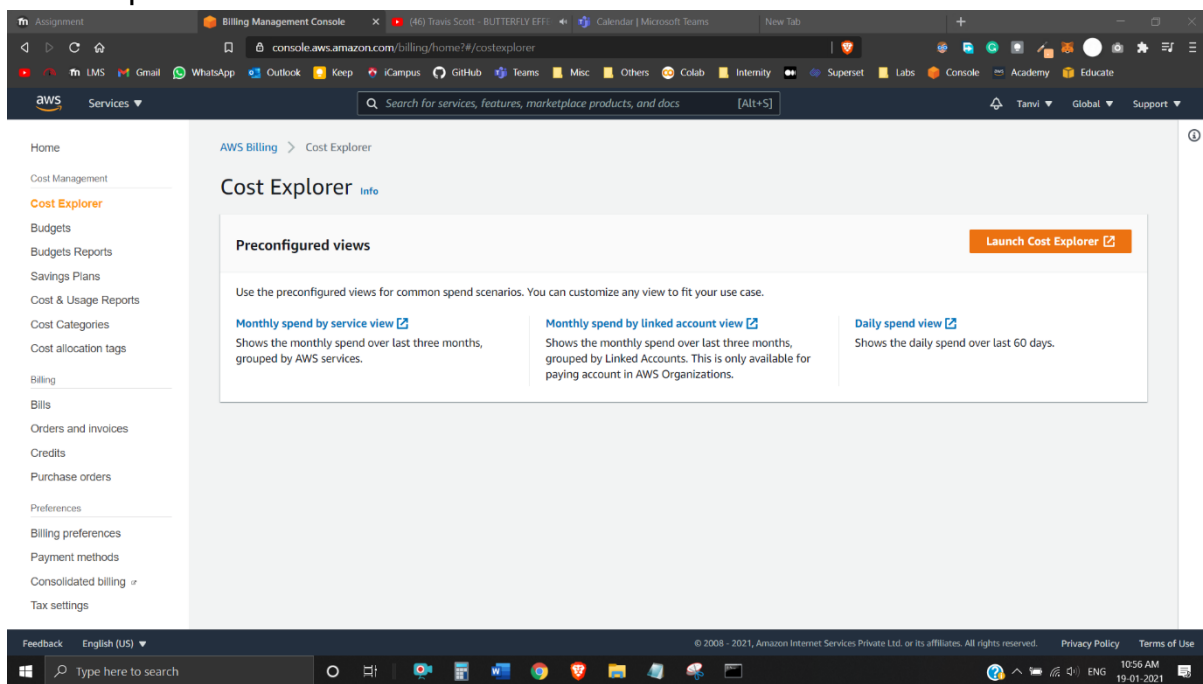
Billing/Cost Management Dashboard:



Cost Management:



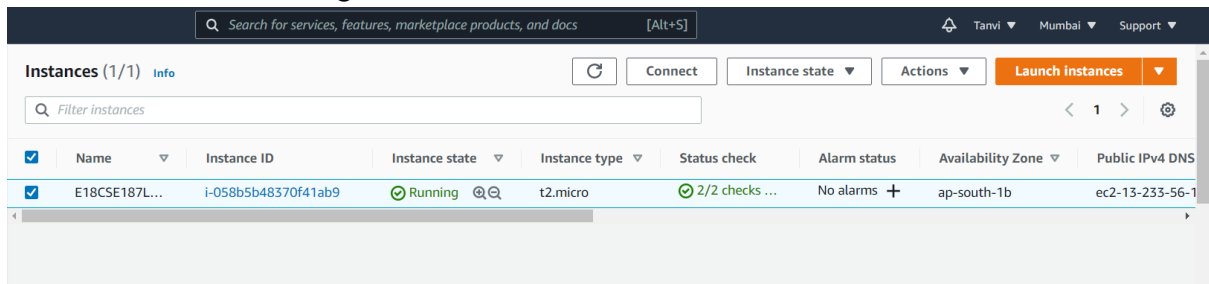
Cost Explorer:



Task 3

- Launched, Connected and Installed EC2 IIS Webserver
- Created a Static HTML Web Page.

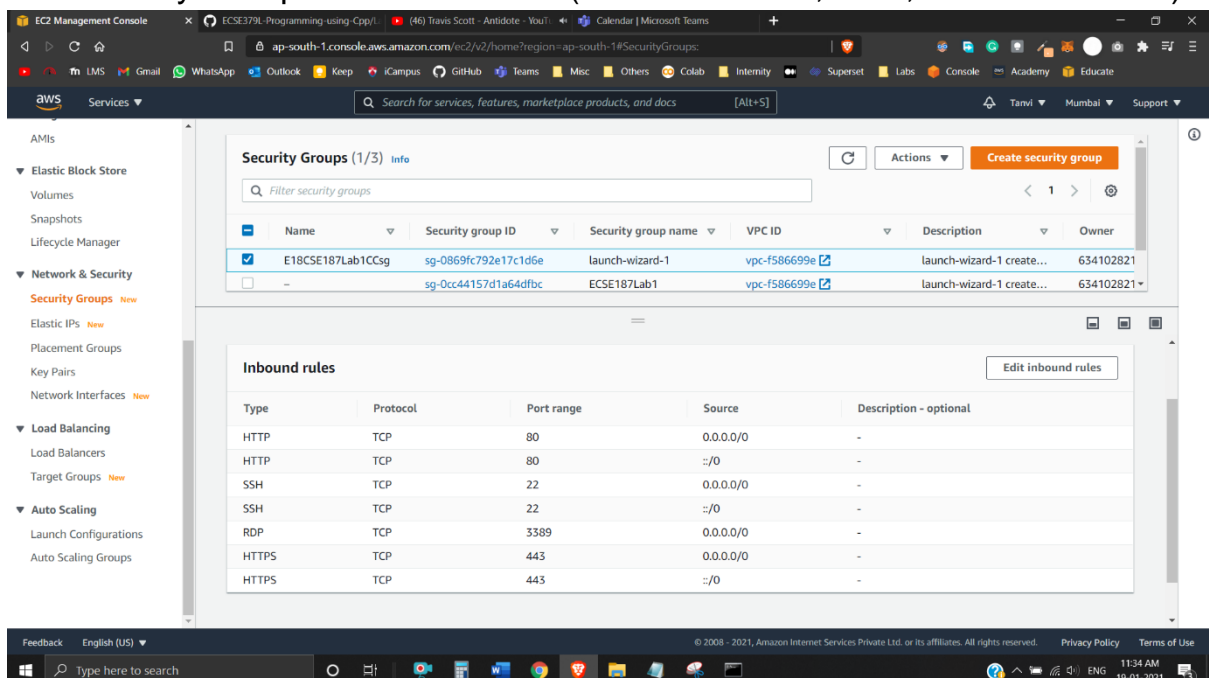
EC2 Instance Running:



The screenshot shows the AWS Management Console 'Instances' page. A single instance is listed with the following details:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
E18CSE187L...	i-058b5b48370f41ab9	Running	t2.micro	2/2 checks ...	No alarms	ap-south-1b	ec2-13-233-56-1

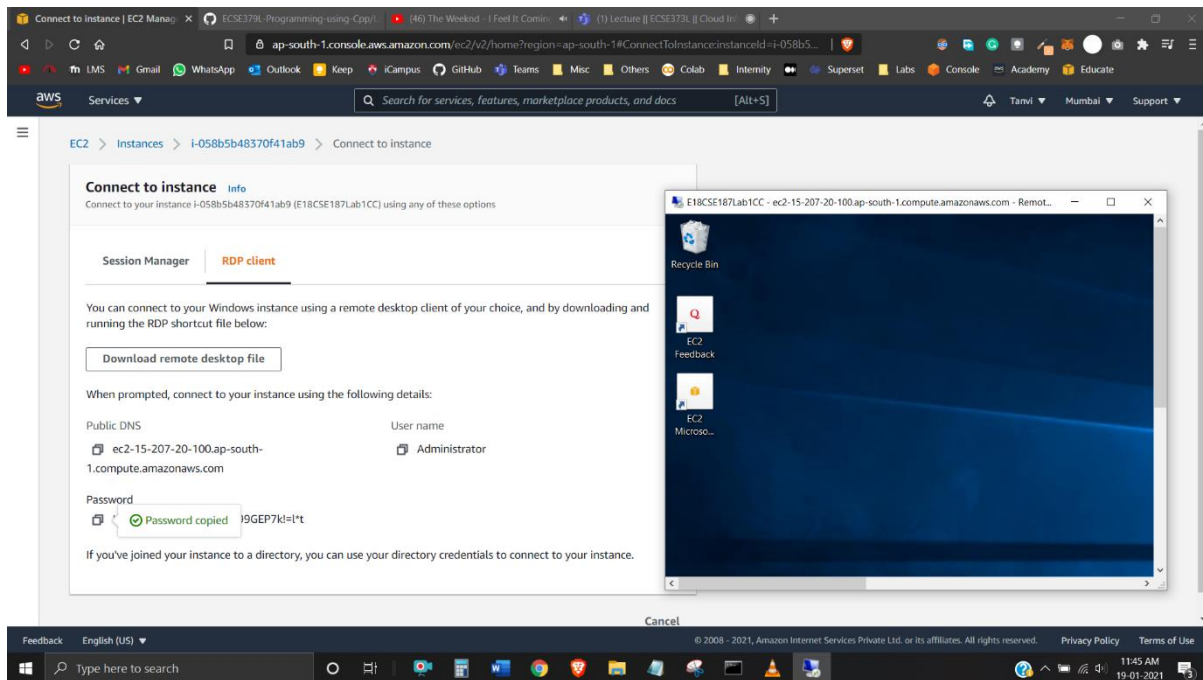
Set Security Group's Inbound Rules (to RDP–default, SSH, HTTP & HTTPS):



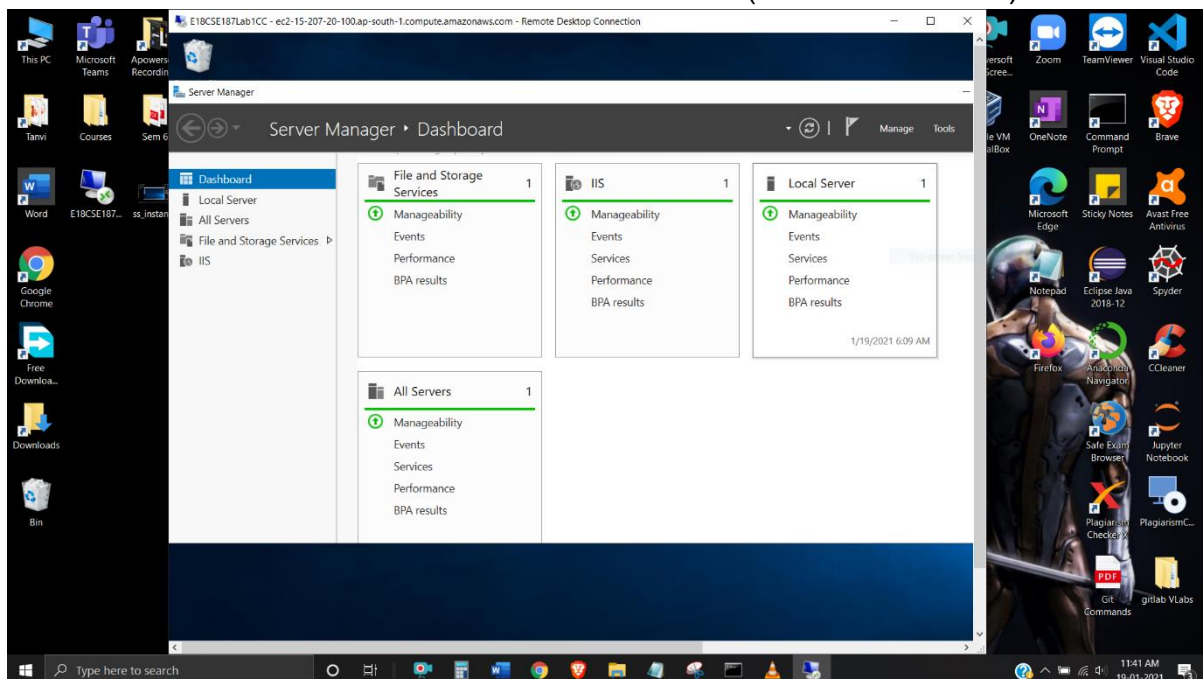
The screenshot shows the 'Security Groups' page in the AWS Management Console. The 'Inbound rules' table is expanded, showing the following rules:

Type	Protocol	Port range	Source	Description - optional
HTTP	TCP	80	0.0.0.0/0	-
HTTP	TCP	80	:::0	-
SSH	TCP	22	0.0.0.0/0	-
SSH	TCP	22	:::0	-
RDP	TCP	3389	0.0.0.0/0	-
HTTPS	TCP	443	0.0.0.0/0	-
HTTPS	TCP	443	:::0	-

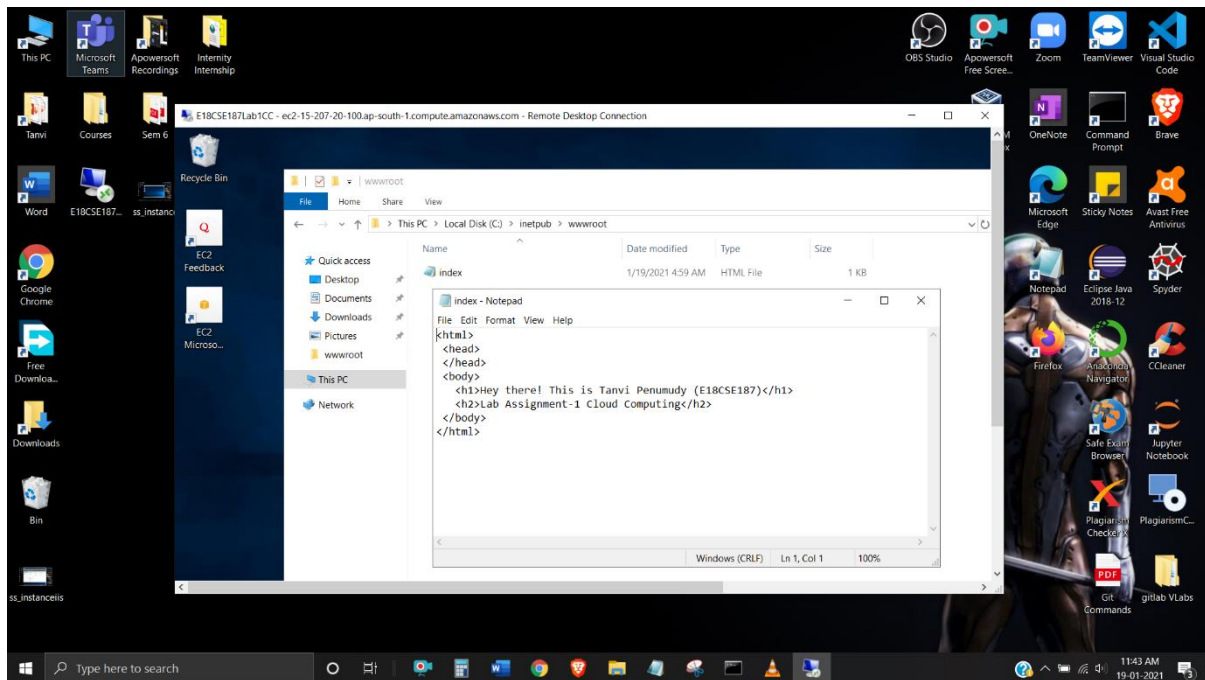
Connected to Instance:



Installed IIS Web Server on AWS EC2 Instance (Windows Server):



Created Demo HTML File:



Running our Demo HTML Static Web Page on IP Address – 15.207.20.100

