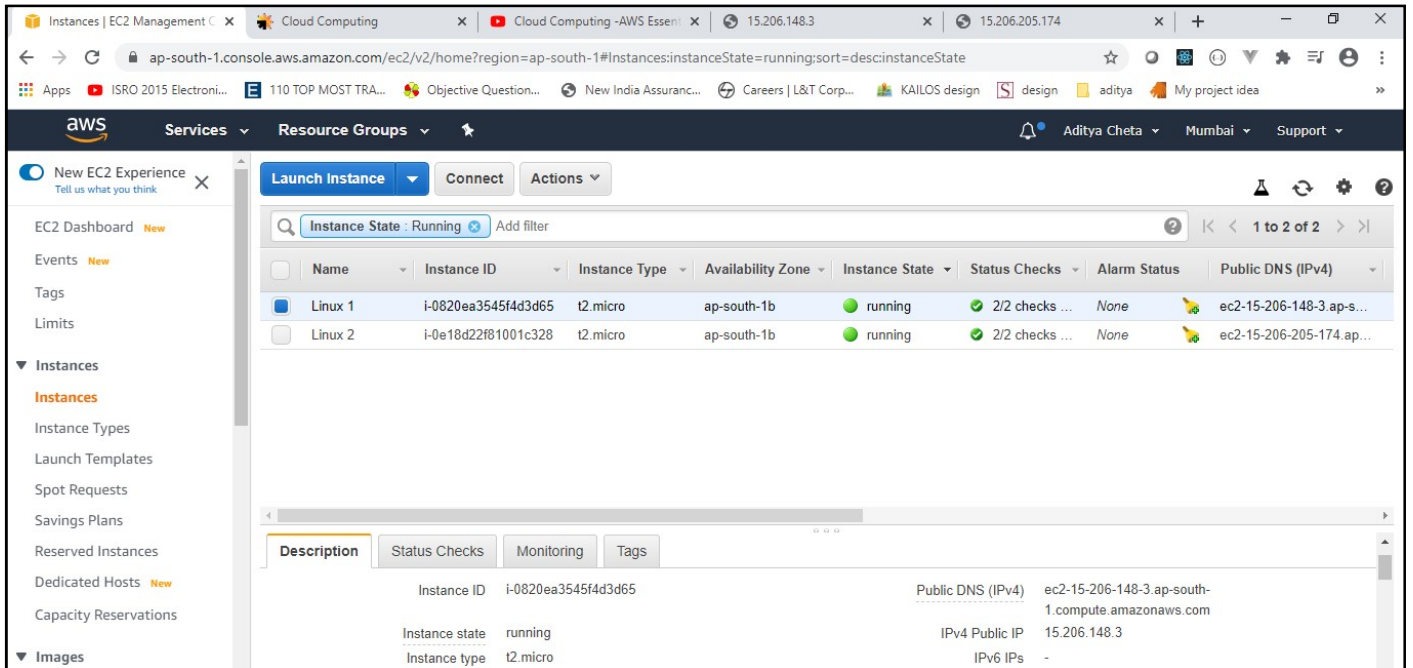


# Assignment Day 4

## 1. Linux 1 Instance IPv4 Public IP:



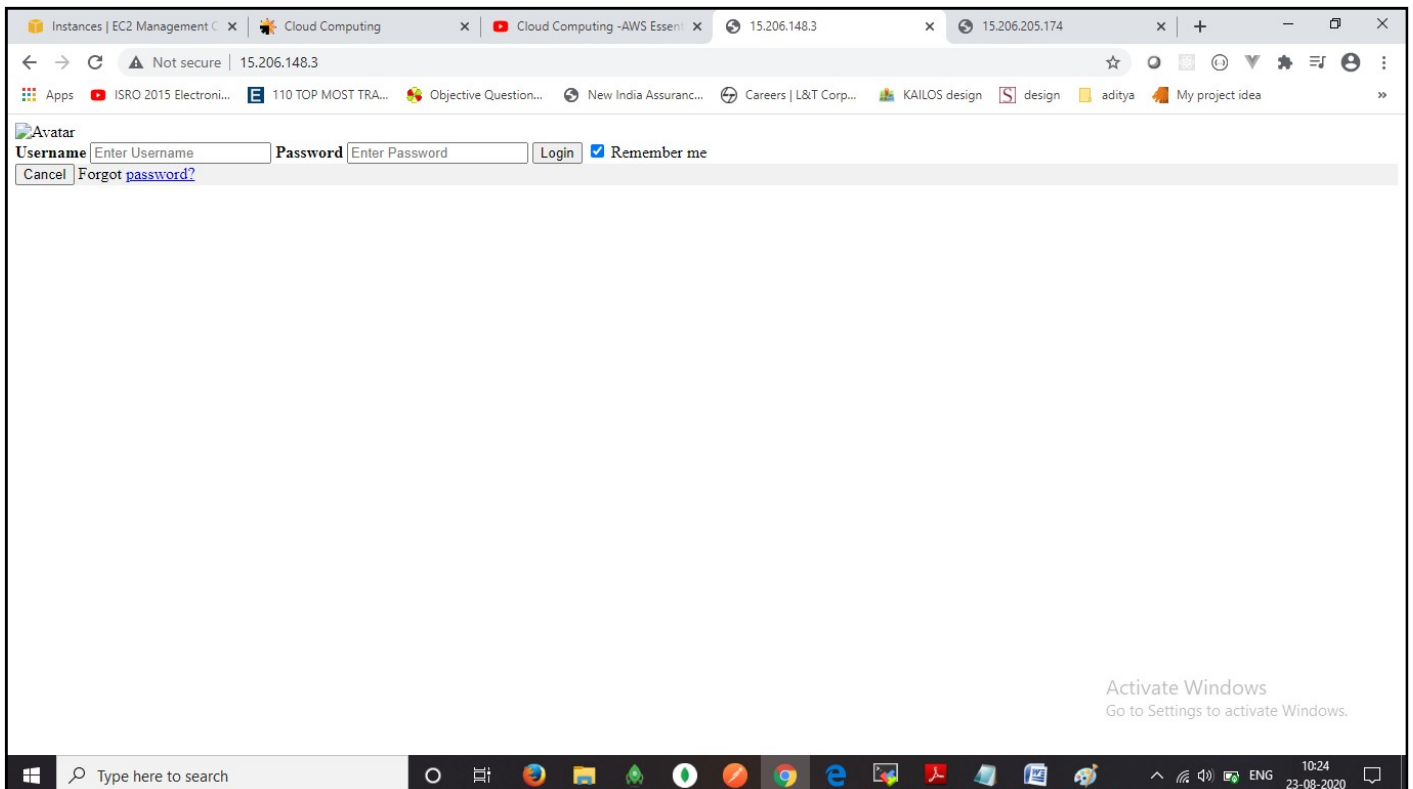
The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page displays a list of EC2 instances. Two instances are shown: 'Linux 1' and 'Linux 2'. Both are in a 'running' state. The 'Public DNS (IPv4)' column shows the public IP addresses for each instance.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux 1	i-0820ea3545f4d3d65	t2.micro	ap-south-1b	running	2/2 checks ...	None	ec2-15-206-148-3.ap-s...
Linux 2	i-0e18d22f81001c328	t2.micro	ap-south-1b	running	2/2 checks ...	None	ec2-15-206-205-174.ap...

The detailed view for 'Linux 1' shows the following information:

- Instance ID: i-0820ea3545f4d3d65
- Public DNS (IPv4): ec2-15-206-148-3.ap-south-1.compute.amazonaws.com
- IPv4 Public IP: 15.206.148.3
- Instance state: running
- Instance type: t2.micro
- IPv6 IPs: -

## 2. Hosted HTML Login Page on the Server Linux Instance 1:



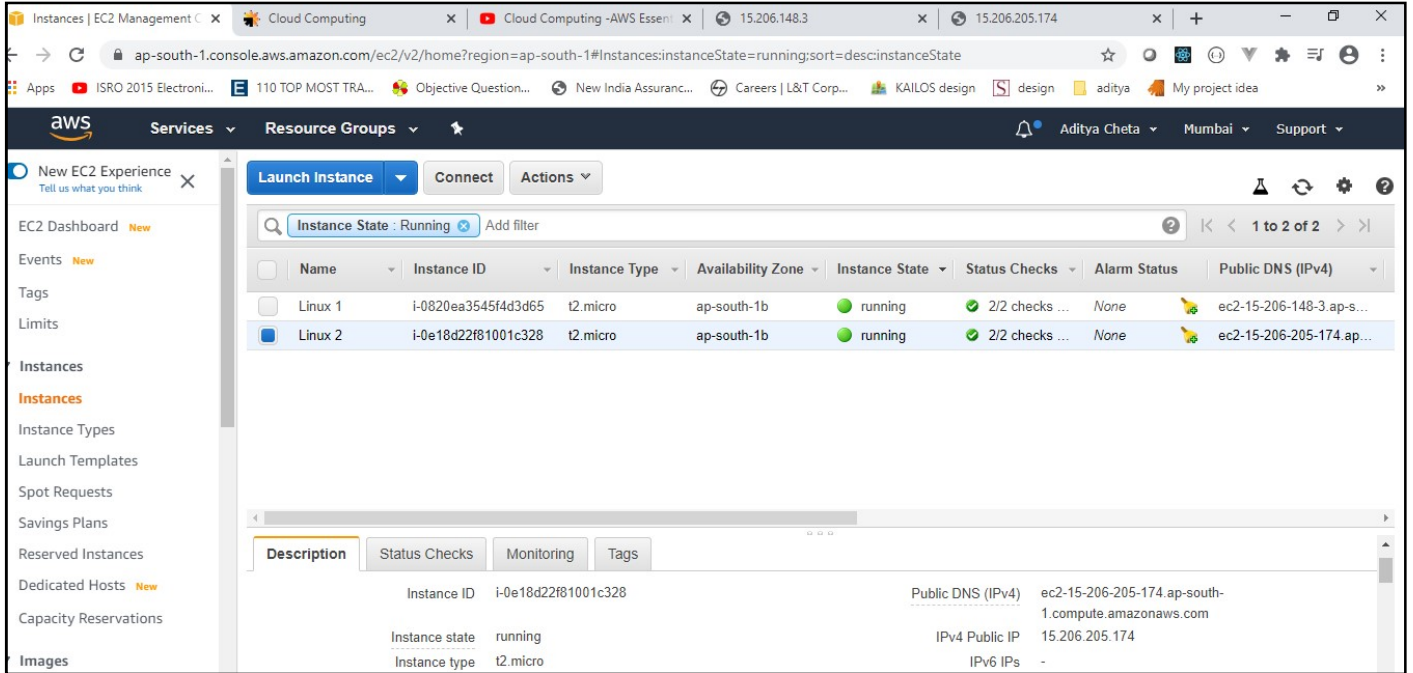
The screenshot shows a web browser displaying a simple HTML login page hosted on the server. The page has a 'Username' field, a 'Password' field, a 'Login' button, and a 'Remember me' checkbox. The browser address bar shows the IP address 15.206.148.3.

Username:  Enter Username Password:  Enter Password Login ☒ Remember me

Cancel [Forgot password?](#)

Activate Windows  
Go to Settings to activate Windows.

### 3. Linux 2 Instance IPv4 Public IP:



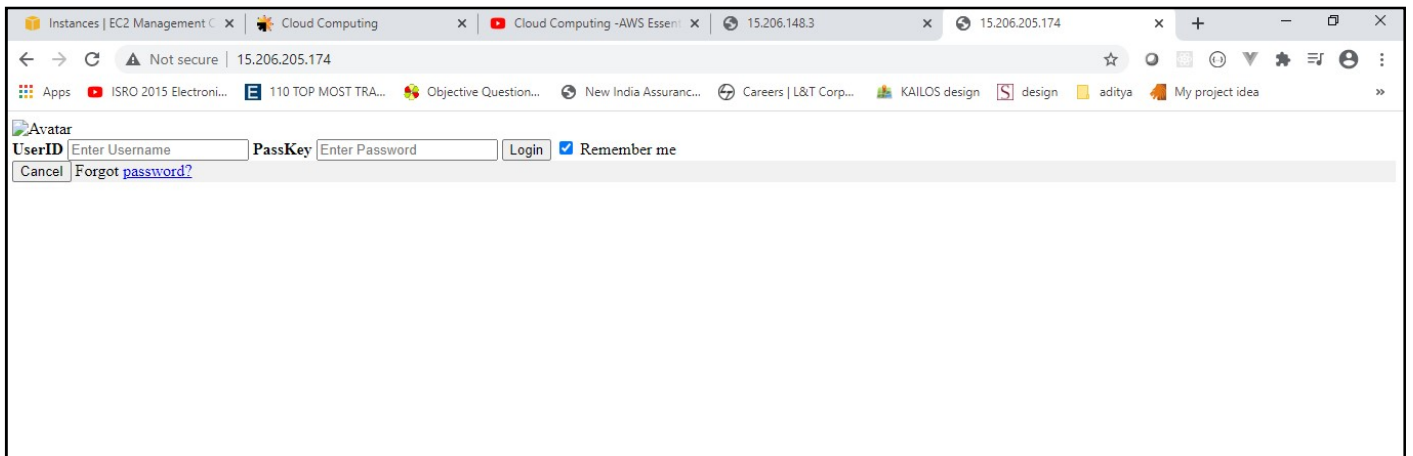
The screenshot shows the AWS Management Console interface for EC2 instances. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, and Capacity Reservations. The main content area displays a table of running instances. Below the table, the details for the selected instance (Linux 2) are shown, including its Instance ID, Instance state, Instance type, Public DNS (IPv4), and IPv4 Public IP.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Linux 1	i-0820ea3545f4d3d65	t2.micro	ap-south-1b	running	2/2 checks ...	None	ec2-15-206-148-3.ap-s...
Linux 2	i-0e18d22f81001c328	t2.micro	ap-south-1b	running	2/2 checks ...	None	ec2-15-206-205-174.ap...

Details for Linux 2:

- Instance ID: i-0e18d22f81001c328
- Instance state: running
- Instance type: t2.micro
- Public DNS (IPv4): ec2-15-206-205-174.ap-south-1.compute.amazonaws.com
- IPv4 Public IP: 15.206.205.174
- IPv6 IPs: -

### 4. Hosted HTML Login Page on the Server Linux Instance 2:



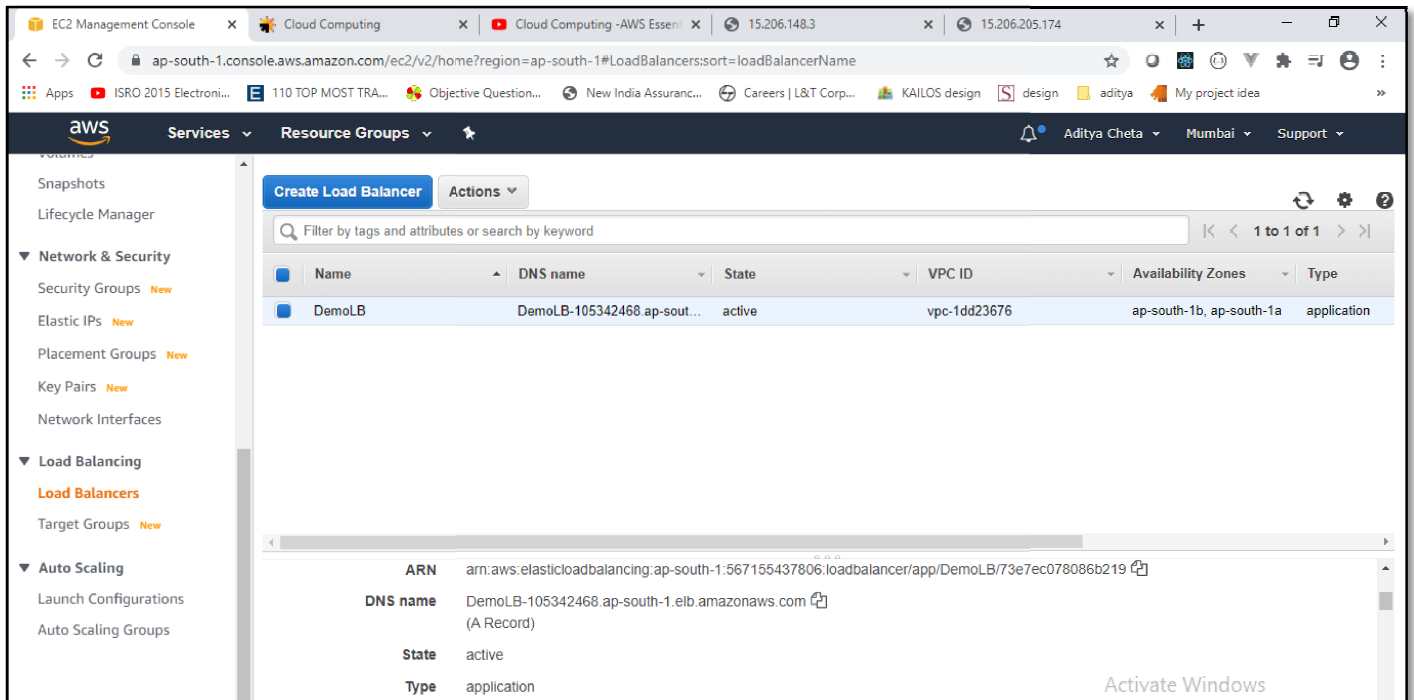
The screenshot shows a web browser window displaying a hosted HTML login page. The browser's address bar shows the URL 15.206.205.174. The login page has a simple form with a Username field, a Password field, a Login button, and a Remember me checkbox. There is also a Cancel button and a link to Forgot password?

Avatar

User ID  PassKey   ☒ Remember me

[Forgot password?](#)

## 5. Application Load Balancer:



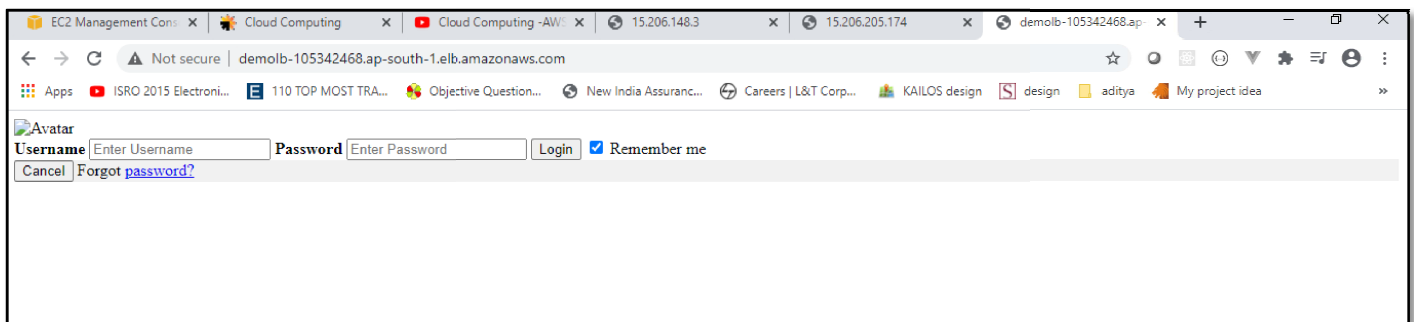
The screenshot shows the AWS Management Console interface. On the left, the navigation menu is visible with categories like Snapshots, Lifecycle Manager, Network & Security, Load Balancing, and Auto Scaling. The 'Load Balancing' section is expanded, showing 'Load Balancers' and 'Target Groups'. The main content area displays the details of a specific Load Balancer named 'DemoLB'. The details include:

Name	DNS name	State	VPC ID	Availability Zones	Type
DemoLB	DemoLB-105342468.ap-south-1.elb.amazonaws.com	active	vpc-1dd23676	ap-south-1b, ap-south-1a	application

Below the table, the following details are listed:

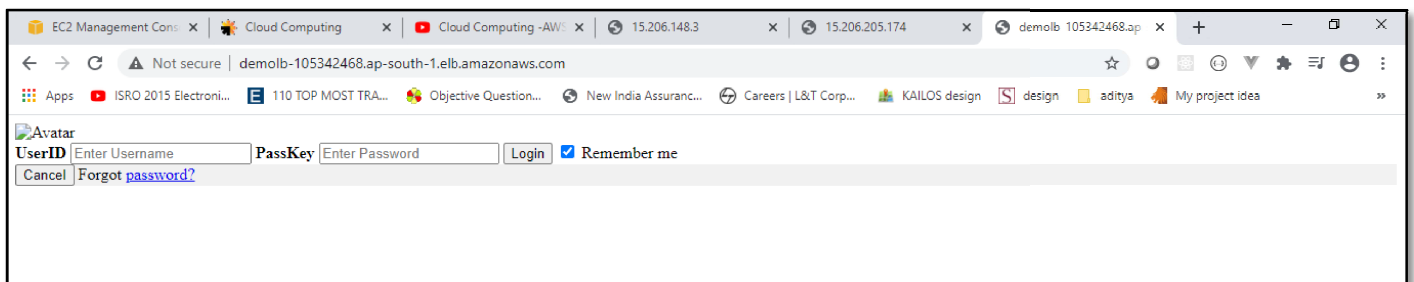
- ARN:** arn:aws:elasticloadbalancing:ap-south-1:567155437806:loadbalancer/app/DemoLB/73e7ec078086b219
- DNS name:** DemoLB-105342468.ap-south-1.elb.amazonaws.com (A Record)
- State:** active
- Type:** application

## 6. Functioning of Load Balancer:



The screenshot shows the login page of the Application Load Balancer. The URL in the browser is 'demolb-105342468.ap-south-1.elb.amazonaws.com'. The page has a 'Not secure' warning. The login form includes:

- Username:** Enter Username
- Password:** Enter Password
- Login:** Button
- Remember me:** Checked checkbox
- Cancel:** Button
- Forgot password?:** Link



This screenshot is identical to the one above, showing the login page of the Application Load Balancer. The URL is 'demolb-105342468.ap-south-1.elb.amazonaws.com'. The login form includes:

- Username:** Enter Username
- PassKey:** Enter Password
- Login:** Button
- Remember me:** Checked checkbox
- Cancel:** Button
- Forgot password?:** Link