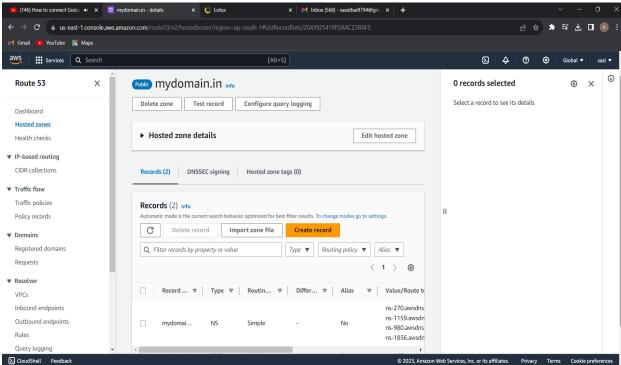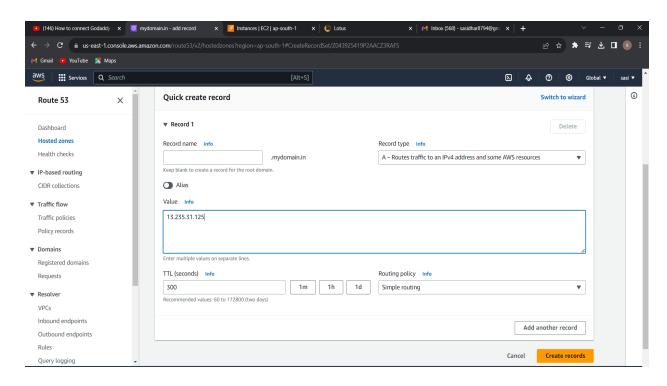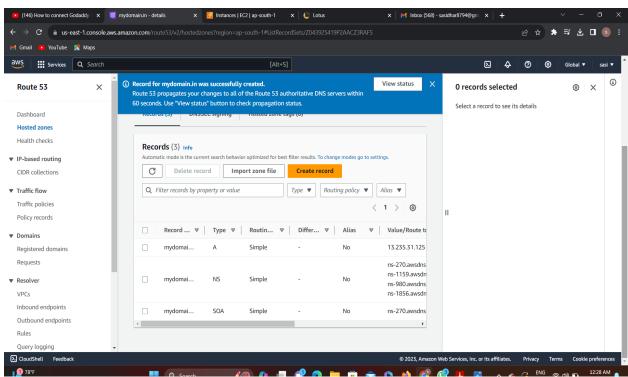1. Use the Route 53 hosted zone created in the assignment.

us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=ap-south-1#CreateRecordSet/Z043925419P2AACZ3RAFS

Gmail YouTube Maps

aws Services Search [Alt+S] Global ▾ sasi ▾

Route 53 ✕

Dashboard
Hosted zones
Health checks

▼ IP-based routing
CIDR collections

▼ Traffic flow
Traffic policies
Policy records

▼ Domains
Registered domains
Requests

▼ Resolver
VPCs
Inbound endpoints
Outbound endpoints
Rules
Query logging

Quick create record   Switch to wizard

▼ Record 1   [Delete]

Record name Info   Record type Info
[   ] .mydomain.in   [A – Routes traffic to an IPv4 address and some AWS resources ▾]
Keep blank to create a record for the root domain.

⚪ Alias

Value Info
┌───┐
│ 13.235.31.125   │
│   │
│   │
└───┘
Enter multiple values on separate lines.

TTL (seconds) Info   Routing policy Info
[300   ] [1m] [1h] [1d]   [Simple routing   ▾]
Recommended values: 60 to 172800 (two days)

                                            [Add another record]

                                            [Cancel] [Create records]

---

us-east-1.console.aws.amazon.com/route53/v2/hostedzones?region=ap-south-1#ListRecordSets/Z043925419P2AACZ3RAFS

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aws Services Search [Alt+S] Global ▾ sasi ▾

Route 53 ✕

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ⓘ **Record for mydomain.in was successfully created.**   [View status] ✕
Route 53 propagates your changes to all of the Route 53 authoritative DNS servers within
60 seconds. Use "View status" button to check propagation status.

0 records selected
Select a record to see its details

Records (3)   DNSSEC signing   Hosted zone tags (0)

Records (3) Info
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

[⟳] [Delete record] [Import zone file] [**Create record**]

[🔍 Filter records by property or value] [Type ▾] [Routing policy ▾] [Alias ▾]

                                                           ⟨ 1 ⟩ ⚙

☐	Record ... ▾	Type ▾	Routin... ▾	Differ... ▾	Alias ▾	Value/Route tr
☐	mydomai...	A	Simple	-	No	13.235.31.125
☐	mydomai...	NS	Simple	-	No	ns-270.awsdns ns-1159.awsdn ns-980.awsdns ns-1856.awsdn
☐	mydomai...	SOA	Simple	-	No	ns-270.awsdns

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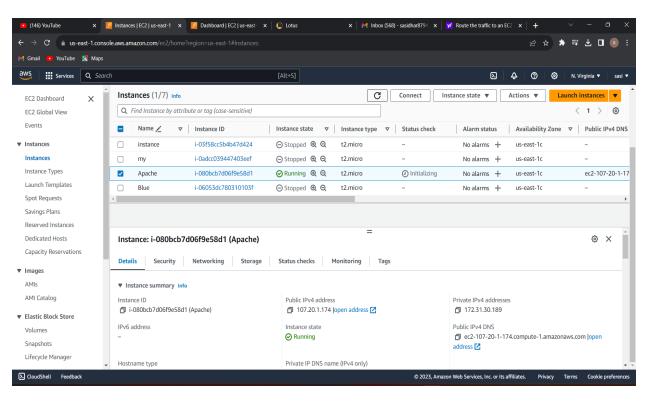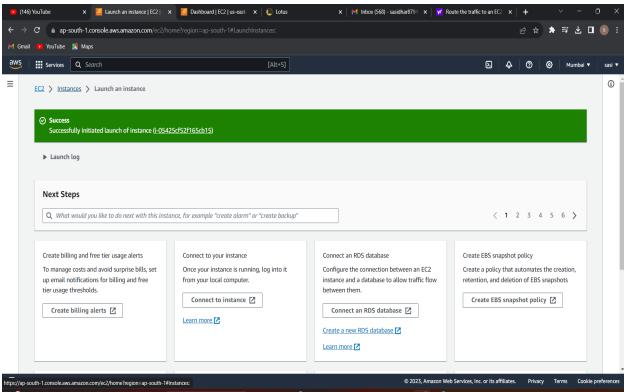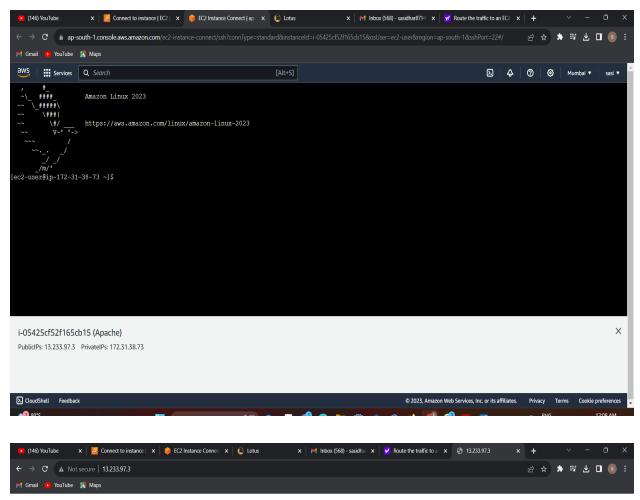78°F   ENG 12:28 AM

Go to the godaddy website open your website DNS and edit With the Value route of your selected one Copy paste the all.and then it will take 5 to 6 hours to run Website and it will automatically connect to your AWS
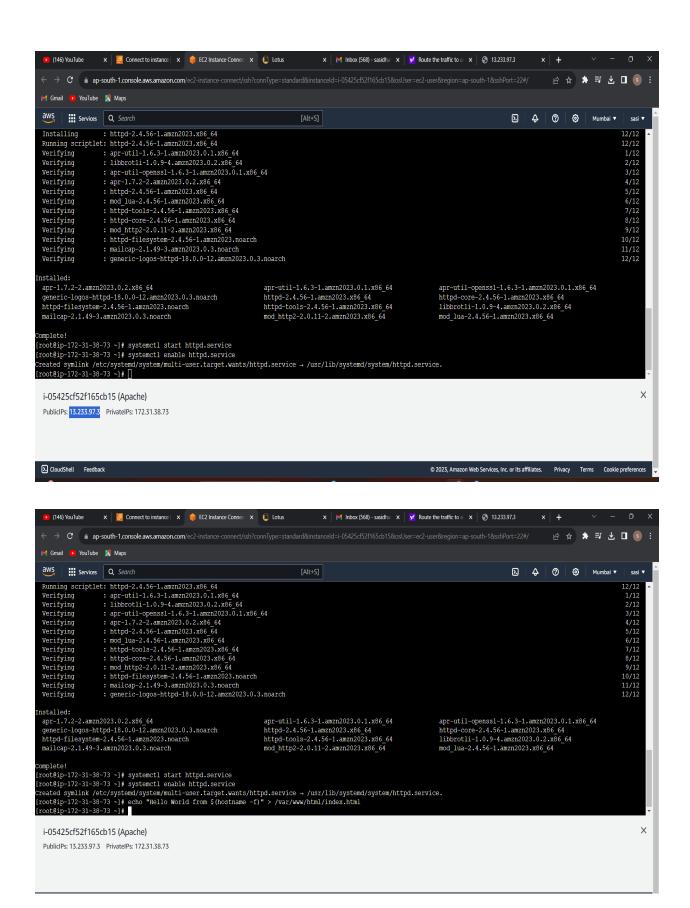
2. Route the traffic to an EC2 instance with an Apache web server running in it using its IP Address.

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

Gmail   YouTube   Maps

aws   Services   Q Search   [Alt+S]   N. Virginia ▾   sasi ▾

EC2 Dashboard ✕
EC2 Global View
Events

Instances (1/7) Info   Connect   Instance state ▾   Actions ▾   **Launch instances** ▾

Q Find Instance by attribute or tag (case-sensitive)

< 1 >

▼ **Instances**
   Instances
   Instance Types
   Launch Templates
   Spot Requests
   Savings Plans
   Reserved Instances
   Dedicated Hosts
   Capacity Reservations

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
☐	instance	i-03f58cc5b4b47d424	⊖ Stopped	t2.micro	–	No alarms +	us-east-1c	–
☐	my	i-0adcc039447403eef	⊖ Stopped	t2.micro	–	No alarms +	us-east-1c	–
☑	Apache	i-080bcb7d06f9e58d1	⊘ Running	t2.micro	⊘ Initializing	No alarms +	us-east-1c	ec2-107-20-1-17
☐	Blue	i-06053dc780310103f	⊖ Stopped	t2.micro	–	No alarms +	us-east-1c	–

▼ **Images**
   AMIs
   AMI Catalog

Instance: i-080bcb7d06f9e58d1 (Apache)

▼ **Elastic Block Store**
   Volumes
   Snapshots
   Lifecycle Manager

Details   Security   Networking   Storage   Status checks   Monitoring   Tags

▼ Instance summary   Info

Instance ID
i-080bcb7d06f9e58d1 (Apache)

Public IPv4 address
107.20.1.174 | open address ↗

Private IPv4 addresses
172.31.30.189

IPv6 address
–

Instance state
⊘ Running

Public IPv4 DNS
ec2-107-20-1-174.compute-1.amazonaws.com | open address ↗

Hostname type   Private IP DNS name (IPv4 only)

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ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

Gmail   YouTube   Maps

aws   Services   Q Search   [Alt+S]   Mumbai ▾   sasi ▾

EC2 > Instances > Launch an instance

⊘ **Success**
Successfully initiated launch of instance (i-05425cf52f165cb15)

▶ Launch log

Next Steps

Q What would you like to do next with this instance, for example "create alarm" or "create backup"

< 1 2 3 4 5 6 >

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts ↗

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance ↗

Learn more ↗

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database ↗

Create a new RDS database ↗

Learn more ↗

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy ↗

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances: © 2023, Amazon Web Services, Inc. or its affiliates.   Privacy   Terms   Cookie preferences

80°F   ENG   12:06 AM

```
         #_
   ~\_   ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
[ec2-user@ip-172-31-38-73 ~]$
```

i-05425cf52f165cb15 (Apache)

PublicIPs: 13.233.97.3   PrivateIPs: 172.31.38.73

It works!

Hello World from ip-172-31-38-73.ap-south-1.compute.internal