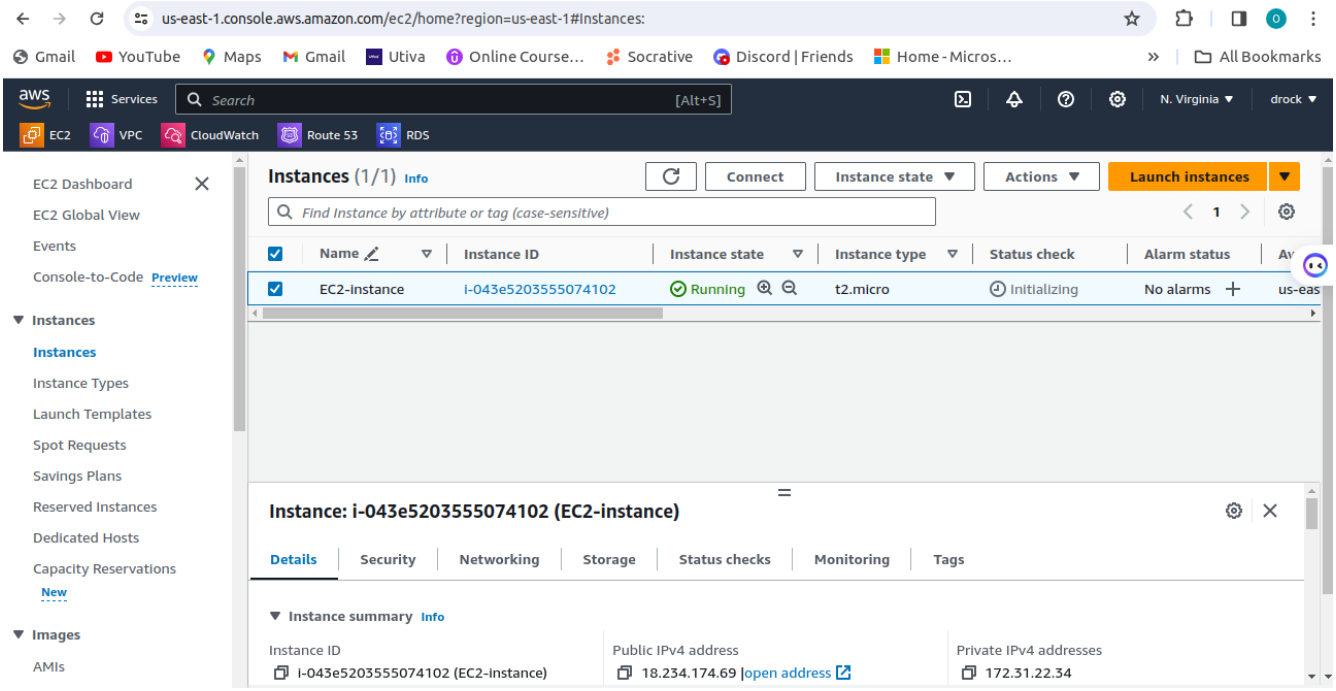
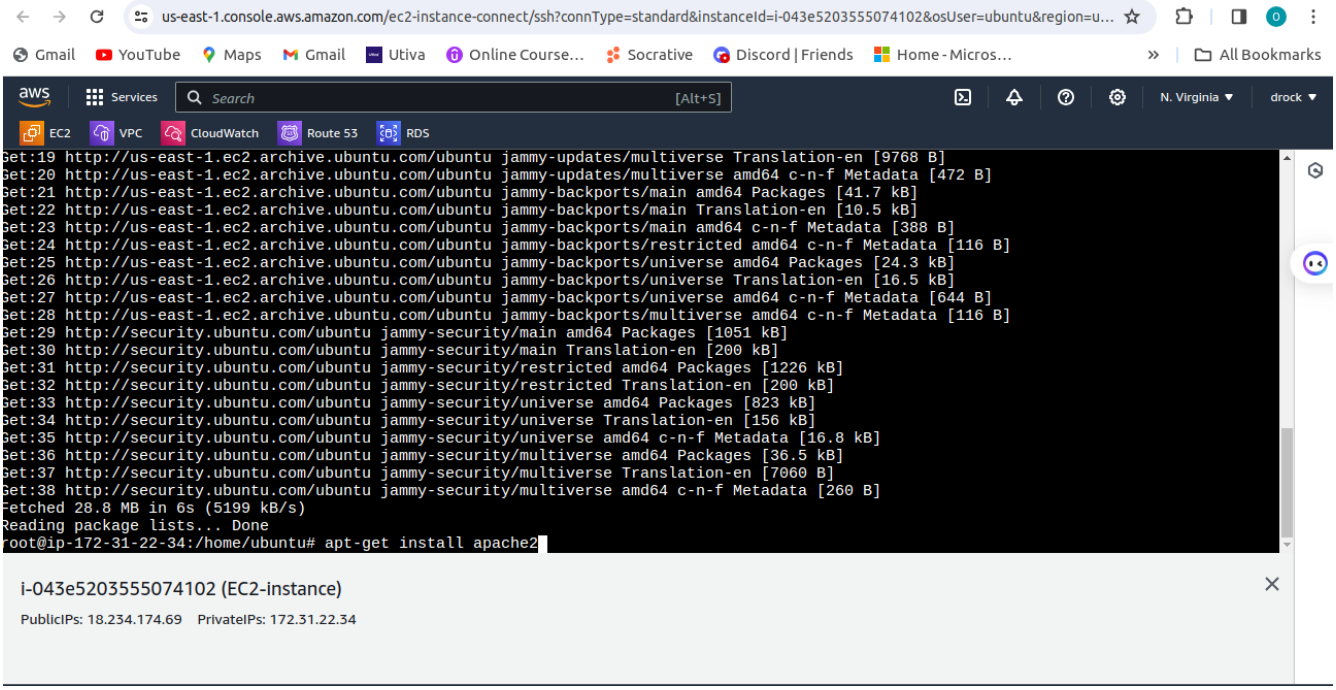
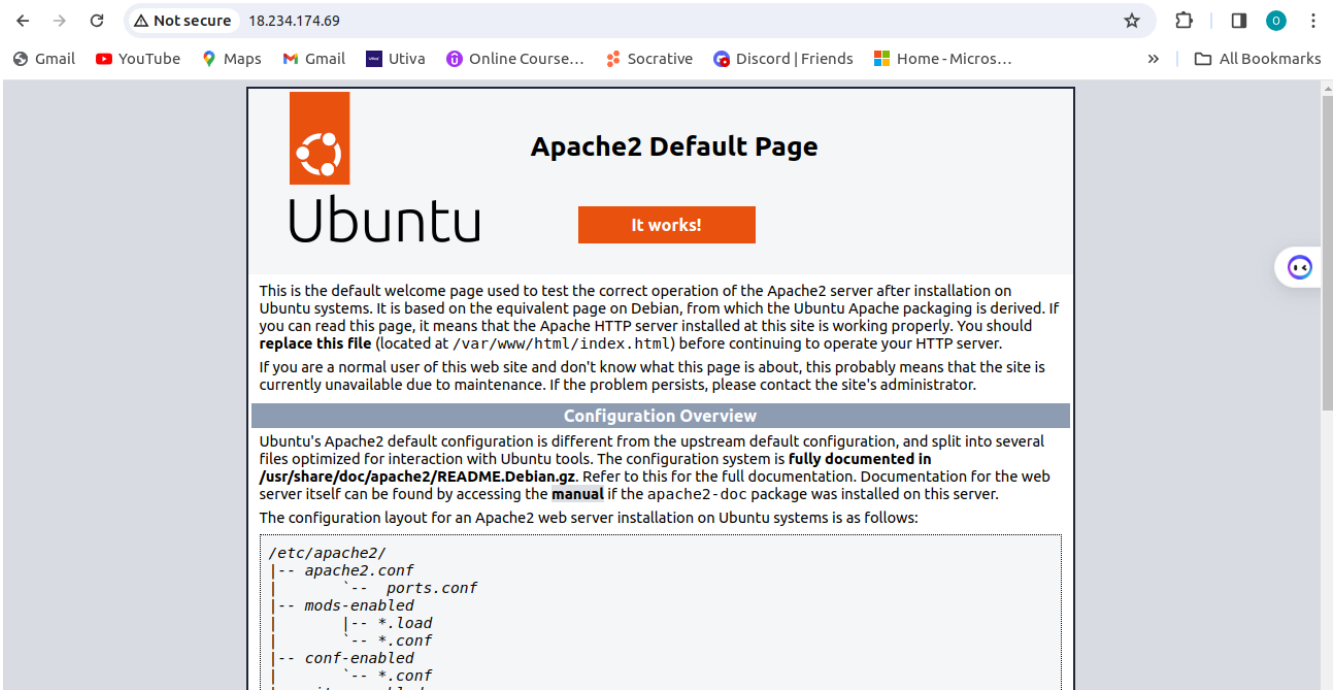
LAUNCH AN EC2 INSTANCE

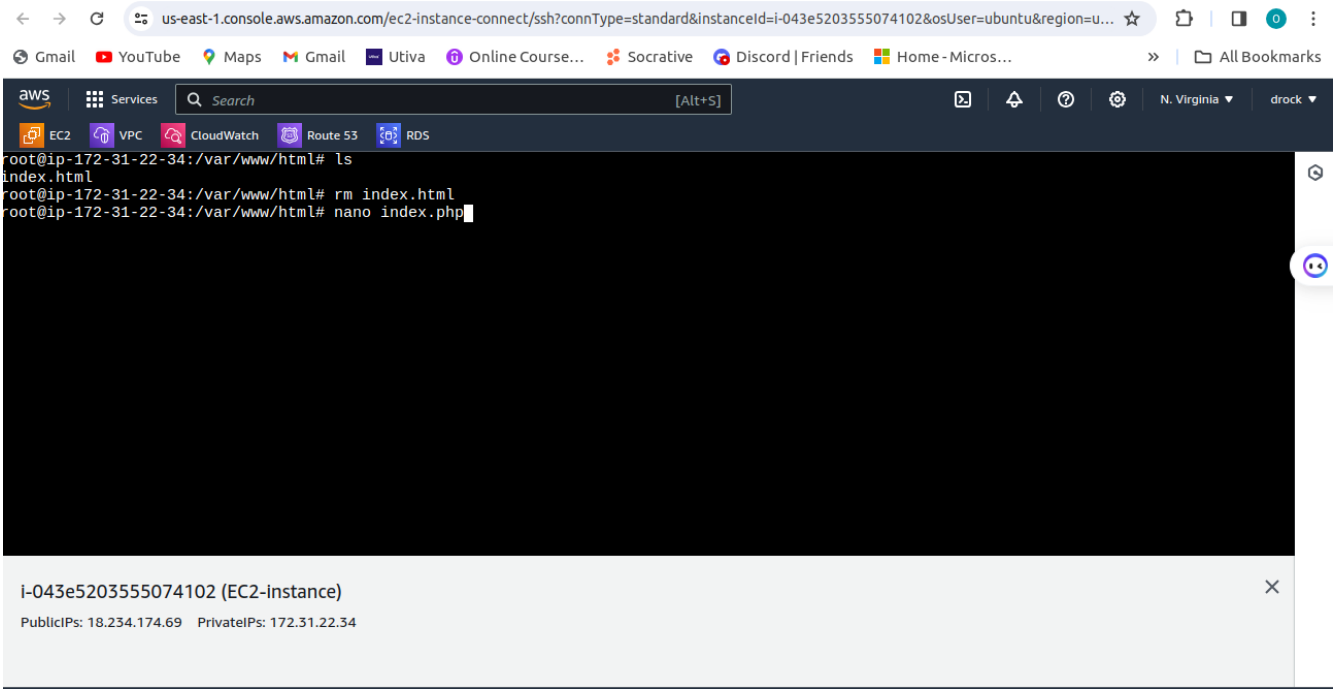


INSTALL APACHE2





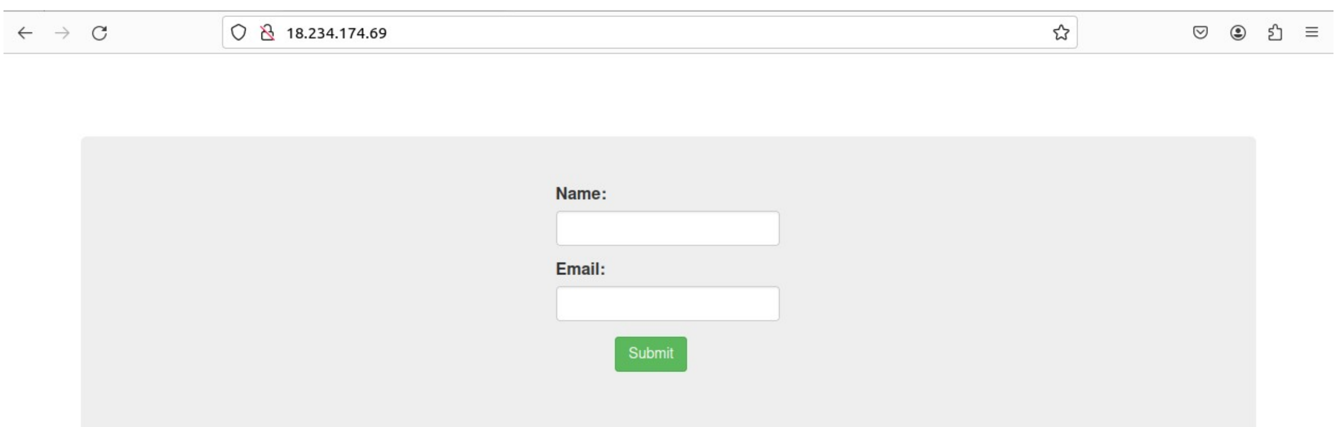
REMOVE INDEX.HTML AND ADD INDEX.PHP



CONTENT OF INDEX.PHP FILE

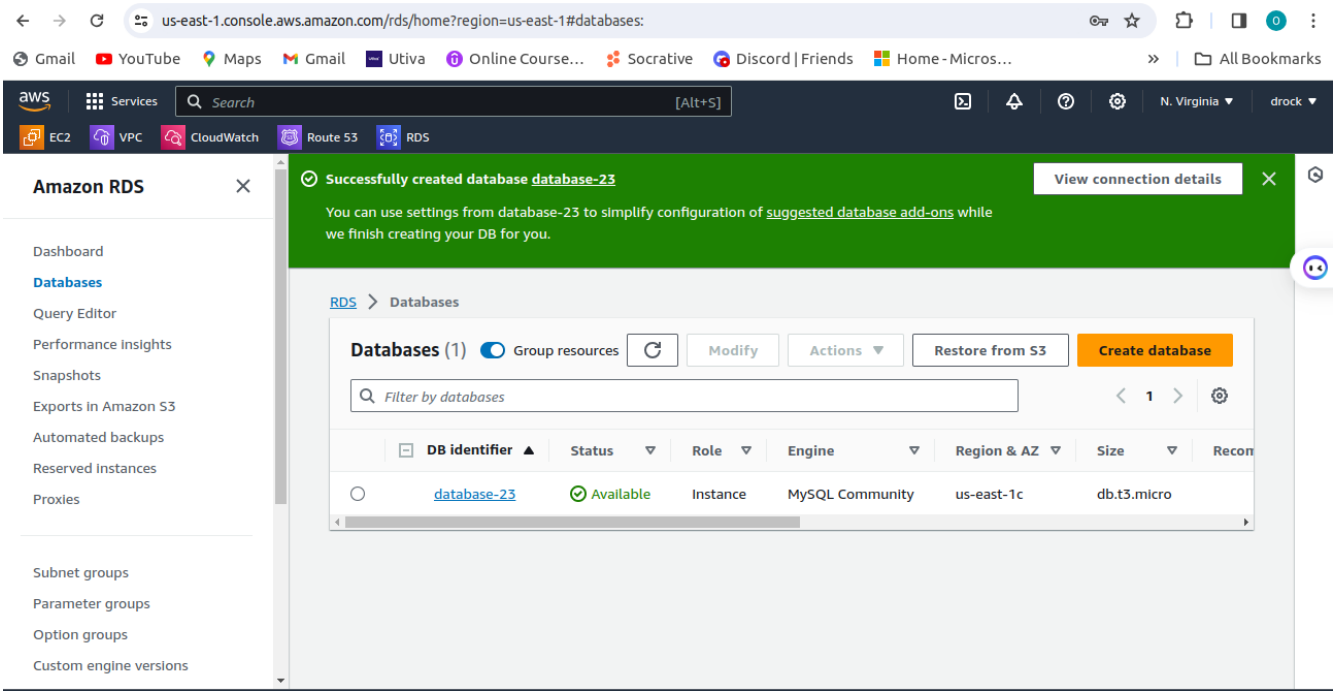
File /home/subby/Documents/index_php

```
<html>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<body background="images/2.png" style="background-repeat:no-repeat;
background-size: 100% 100%">
<br><br><br><br>
<div class="container">
  <div class="jumbotron vertical-center">
        <table class="grid" cellspacing="0">
                <tr>
  <td
colspan="4">                         
;                          &nbs
p;                         &nb
sp;           </td>
  <td colspan="4">
        <form method="post">
  <div class="form-group" action="post">
    <label for="firstname">Name:</label>
    <input type="text" class="form-control" name="firstname">
  </div>
  <div class="form-group">
    <label for="email">Email:</label>
    <input type="text" class="form-control" name="email">
  </div>
             <button type="submit" class="btn btn-success">Submit</button>
</form></td>
  <td colspan="4"></td>
</tr>
</table>
</div>
</div>
<?php
$firstname=$_POST['firstname'];
$email=$_POST['email'];
$servername = "intelli.coghw13fheqo.us-east-2.rds.amazonaws.com";
$username = "intel";
$password = "intel123";
$db = "intel";
// Create connection
```




```
connect_error) { die("Connection failed: " . $conn->connect_error); } if(isset($_POST['firstname']) && isset($_POST['email'])){ $sql = "INSERT INTO data (firstname,email) VALUES ('".$firstname."', '".$email."')";
f ($conn->query($sql) === TRUE) { echo "New record created successfully"; } else { echo "Error: " . $sql . "
' . $conn->error; } $conn->close(); } ?>
```

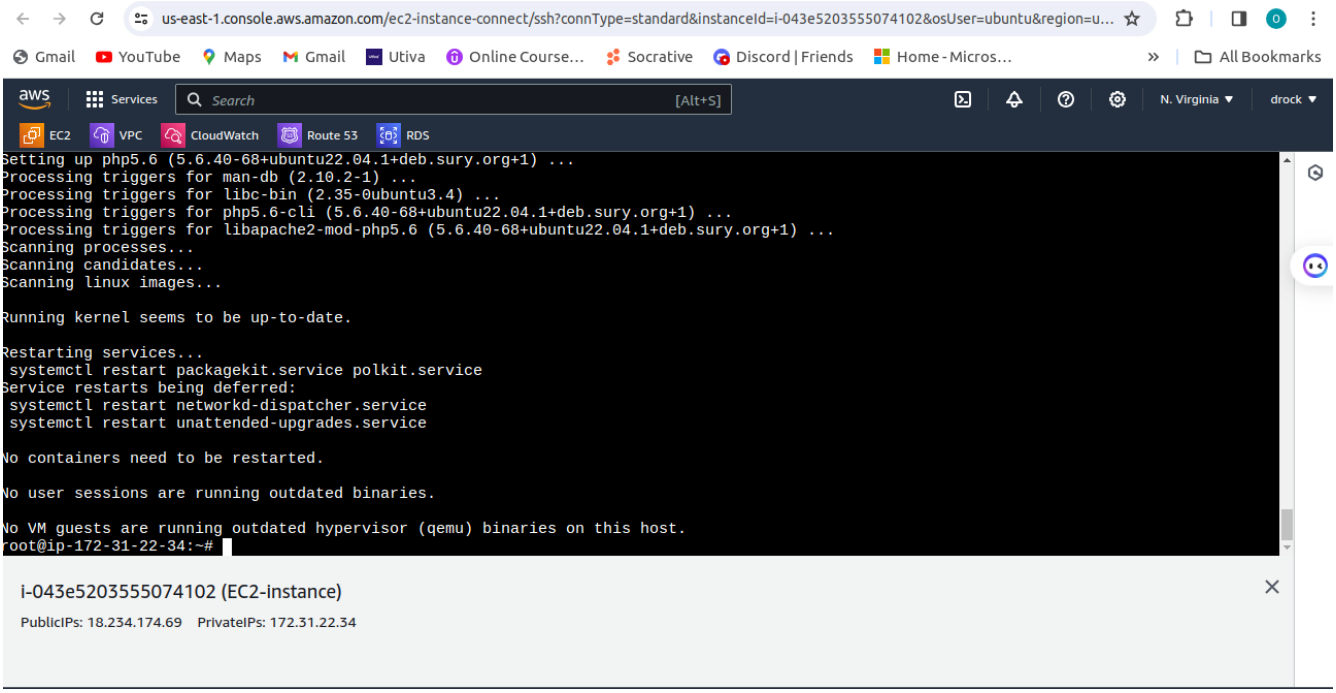
CREATE RDS: (USE SAME VPC AS USED IN THE EC2)



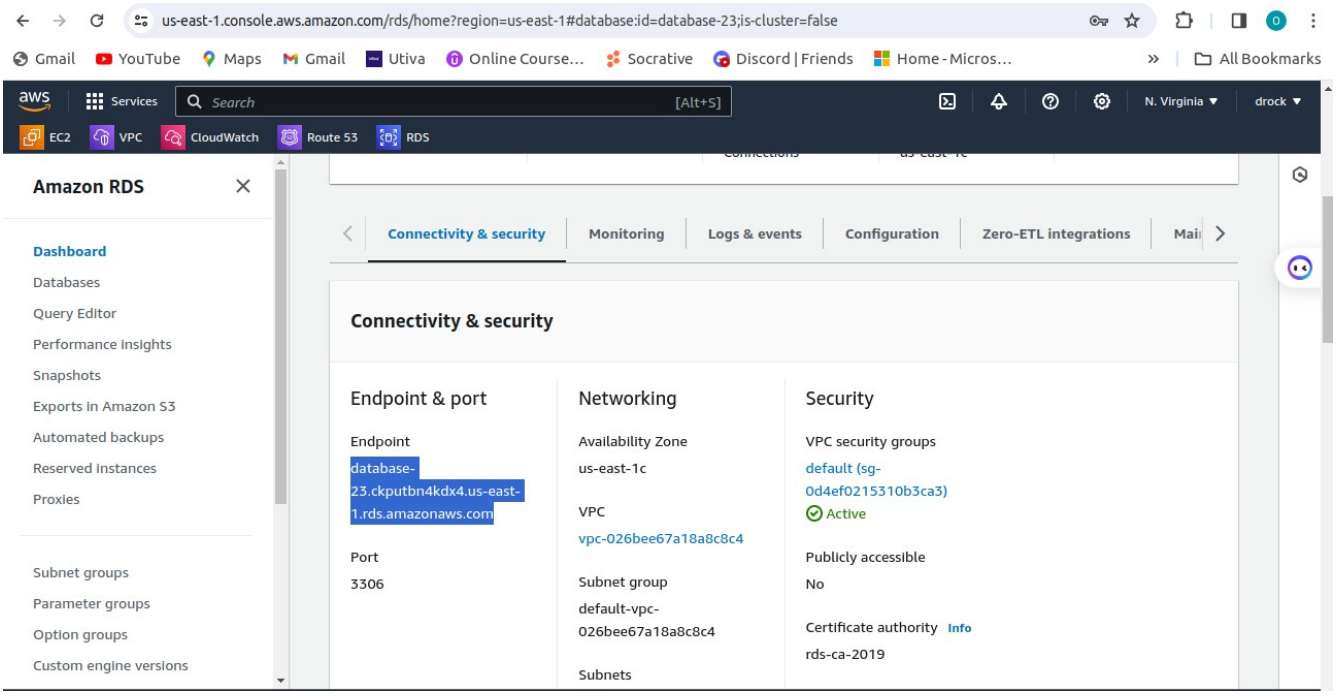

```
sudo add-apt-repository -y ppa:ondrej/php
sudo apt install php5.6 mysql-client php5.6-mysqli
```

These are to do the following:

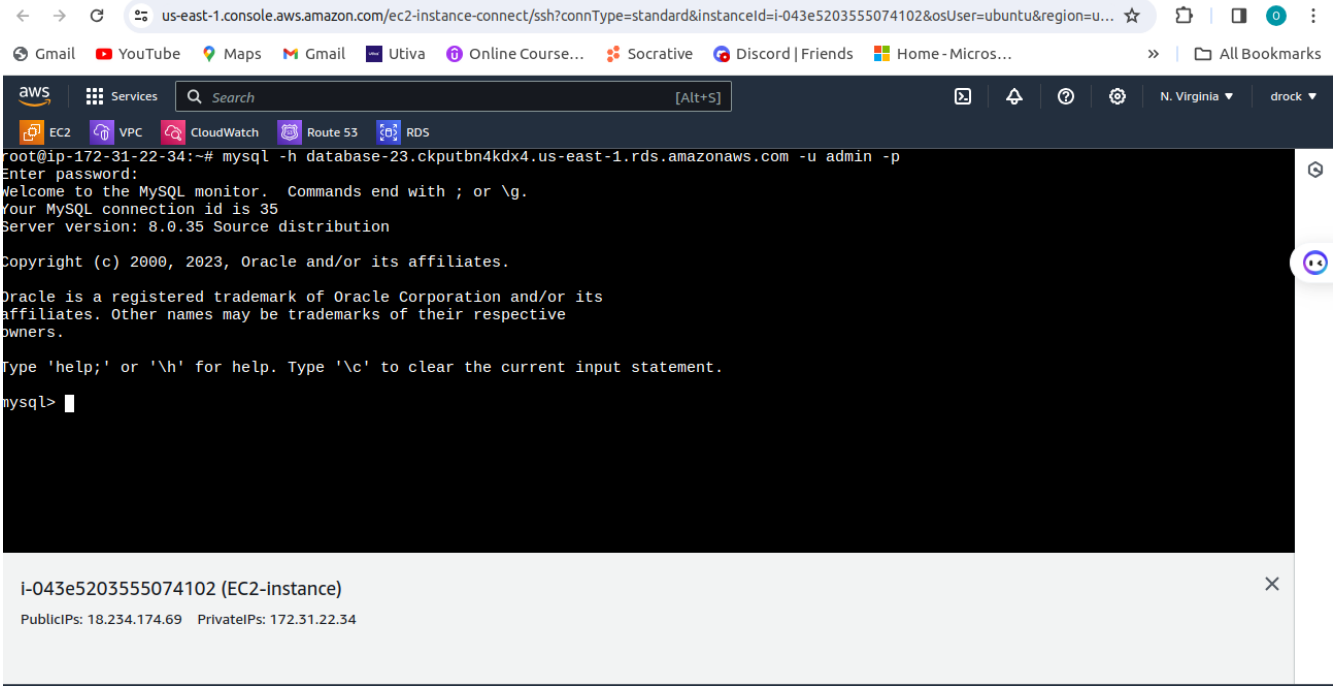
PPA Addition
Install PHP
Install mysql client



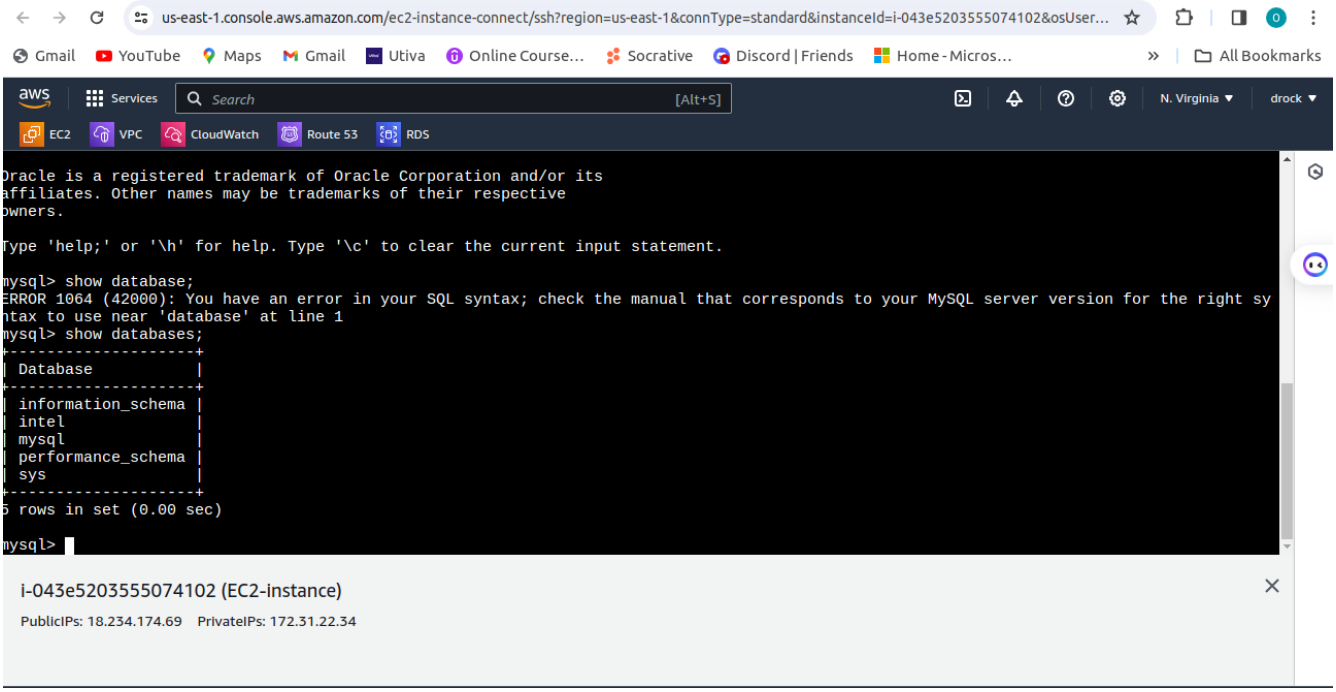
COPY ENDPOINT



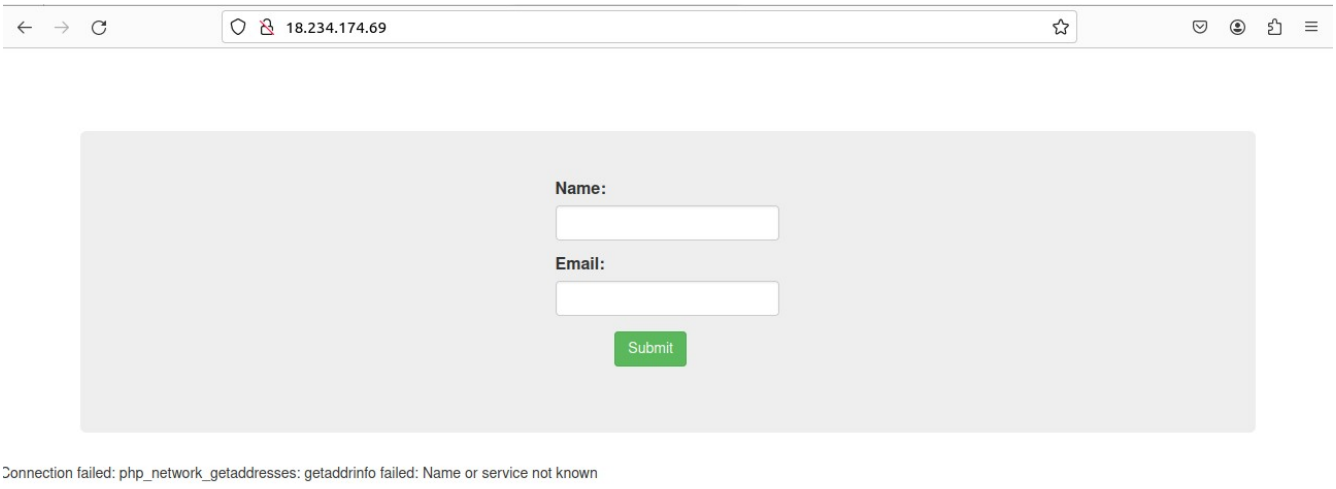
and connect to the database:



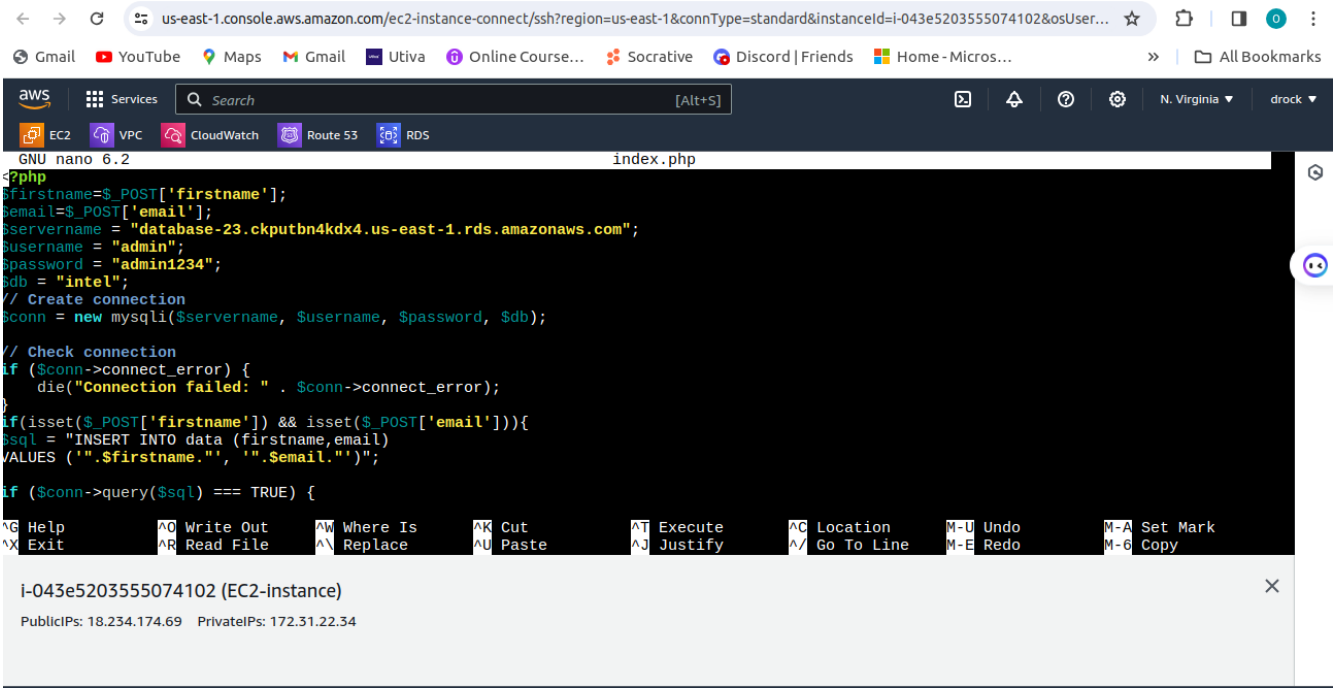
‘intel” is visible when ‘show databases; command is ran’



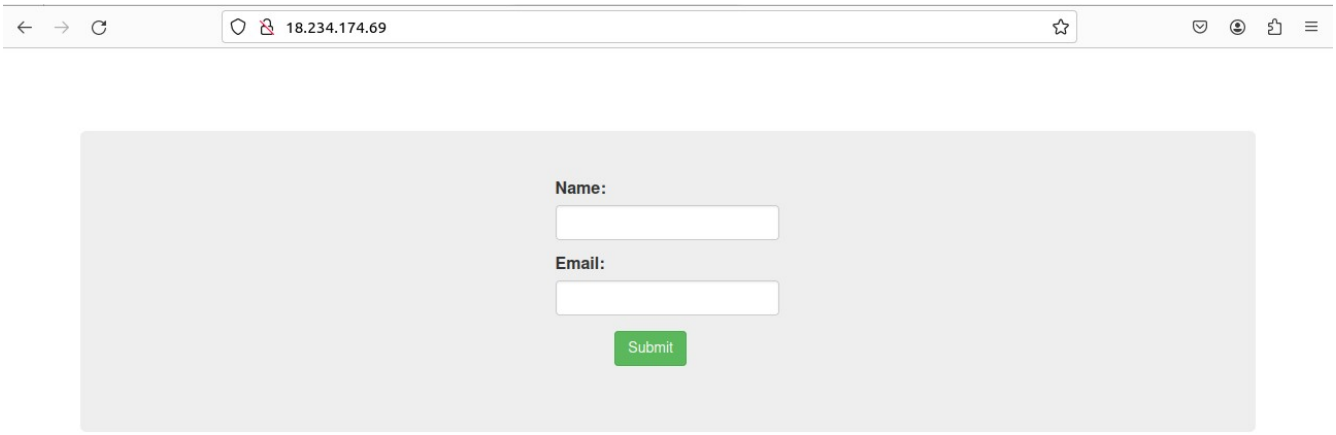
IF PUBLIC IP IS REFRESHED NOW; THE ERROR IS REDUCED ON THE PAGE



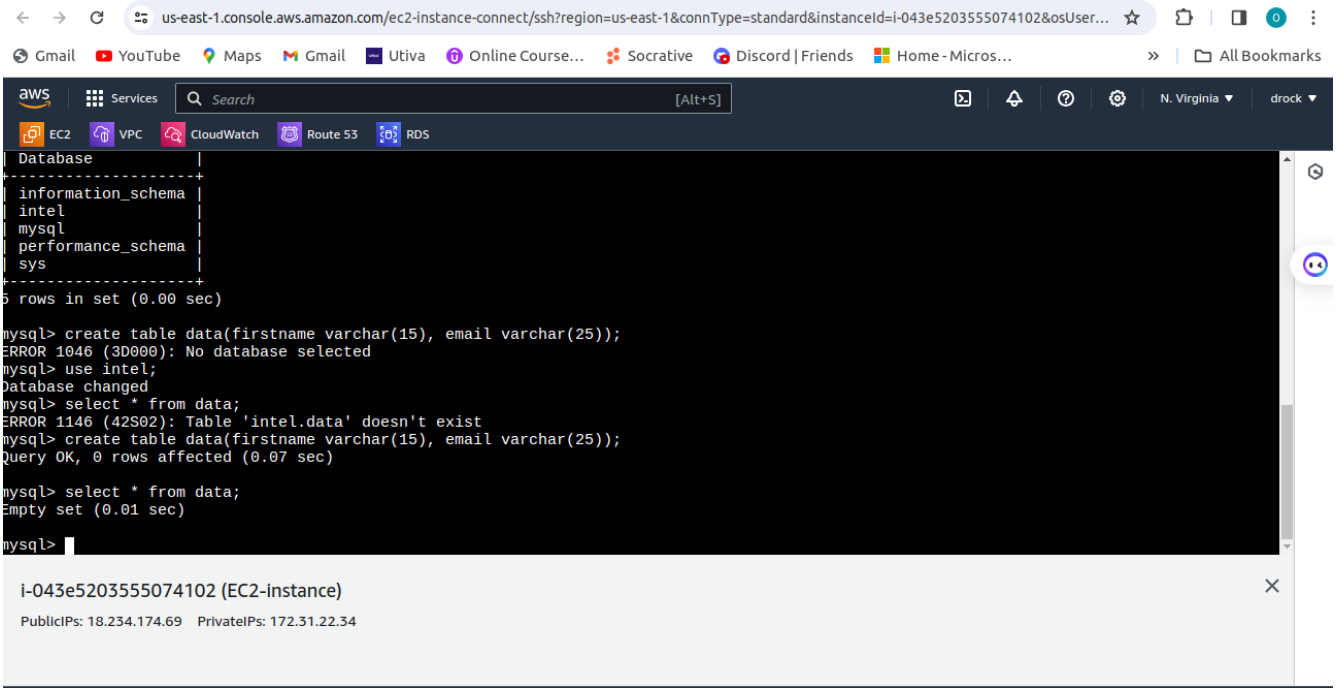
TO CONNECT PHP TO THE RDS: we need to edit the .php file
:endpoint;username and password.



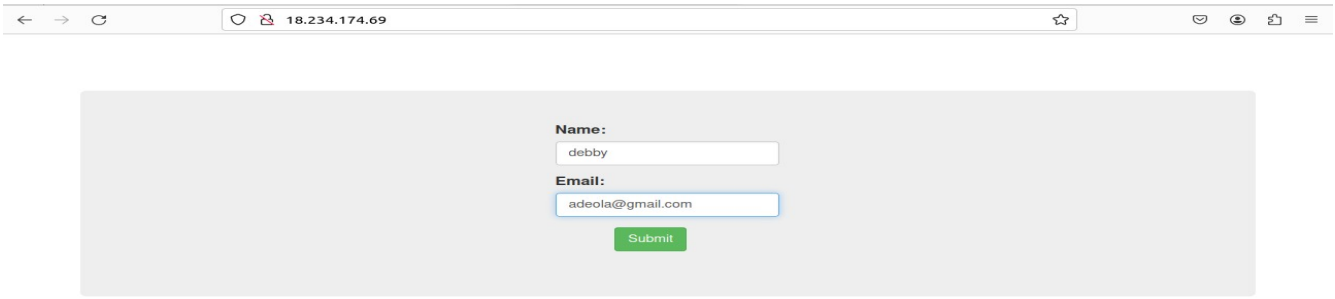
ERROR PREVIOUSLY SEEN ON RUNNING PUBLIC IP ON THE BROWSER DISAPPEAR



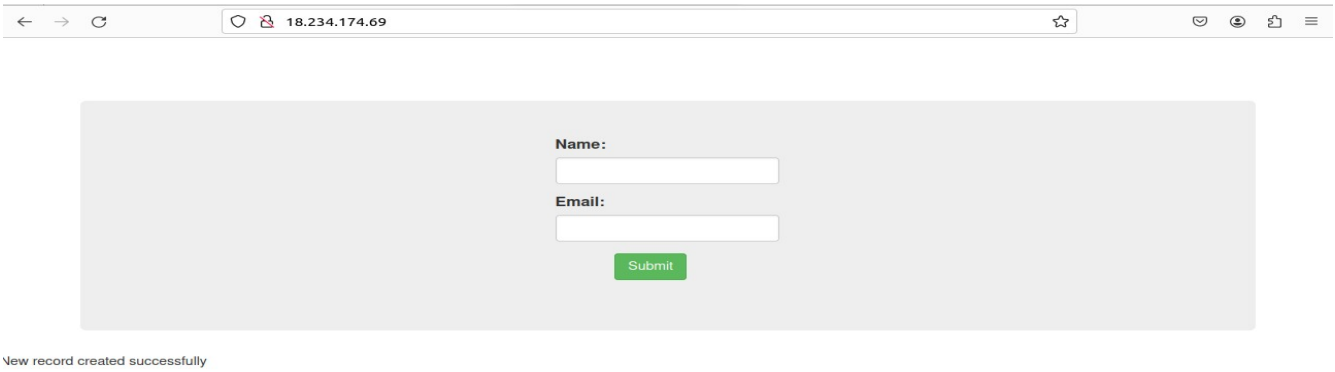
NEXT ASSIGNMENT IS TO CREATE DATA



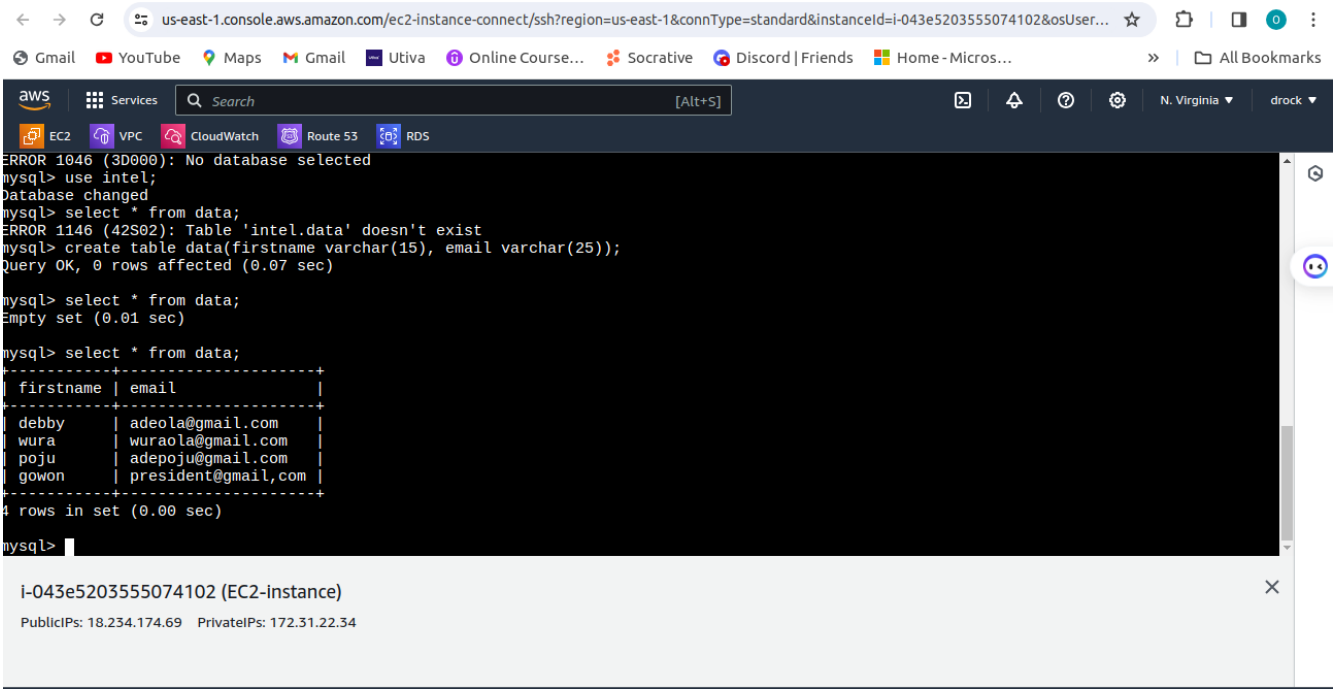
DATA ADDED ON THE PHP PAGE CAN NOW BE VIEWED IN THE DATABASE



ITS ADDED SUCCESSFULLY

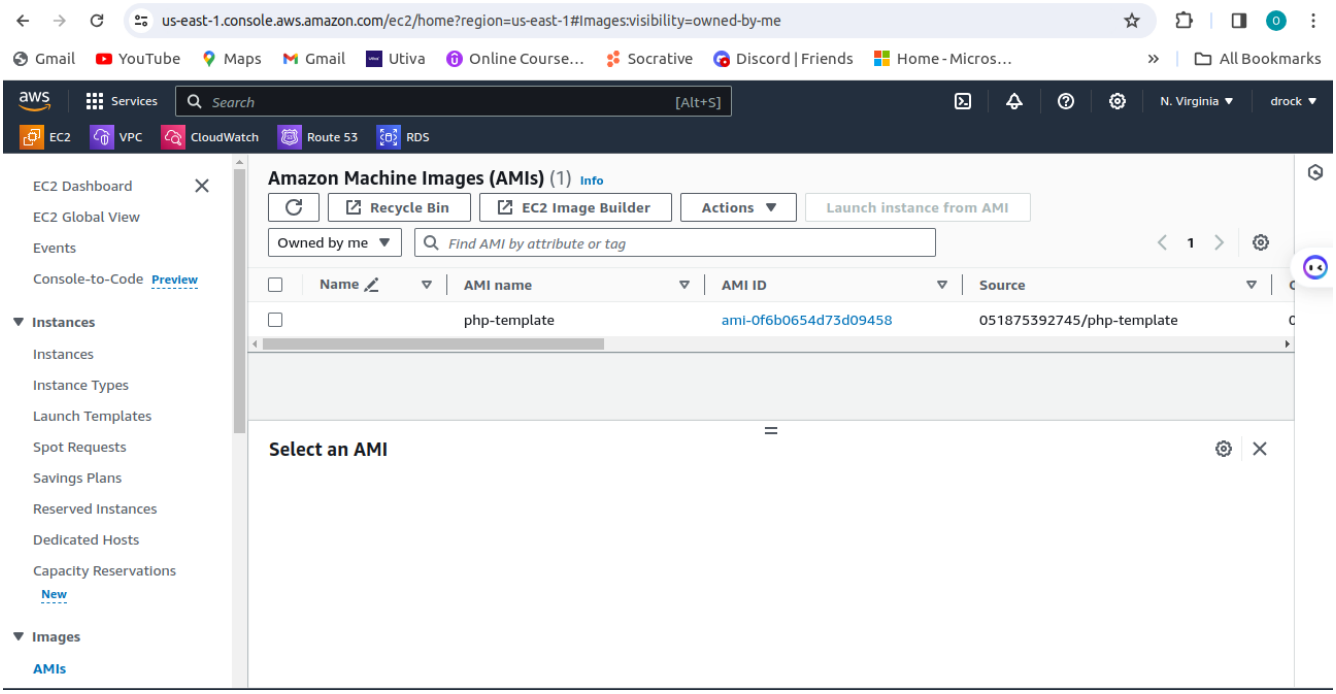


SELECT * FROM DATE; to view information added to the php site.

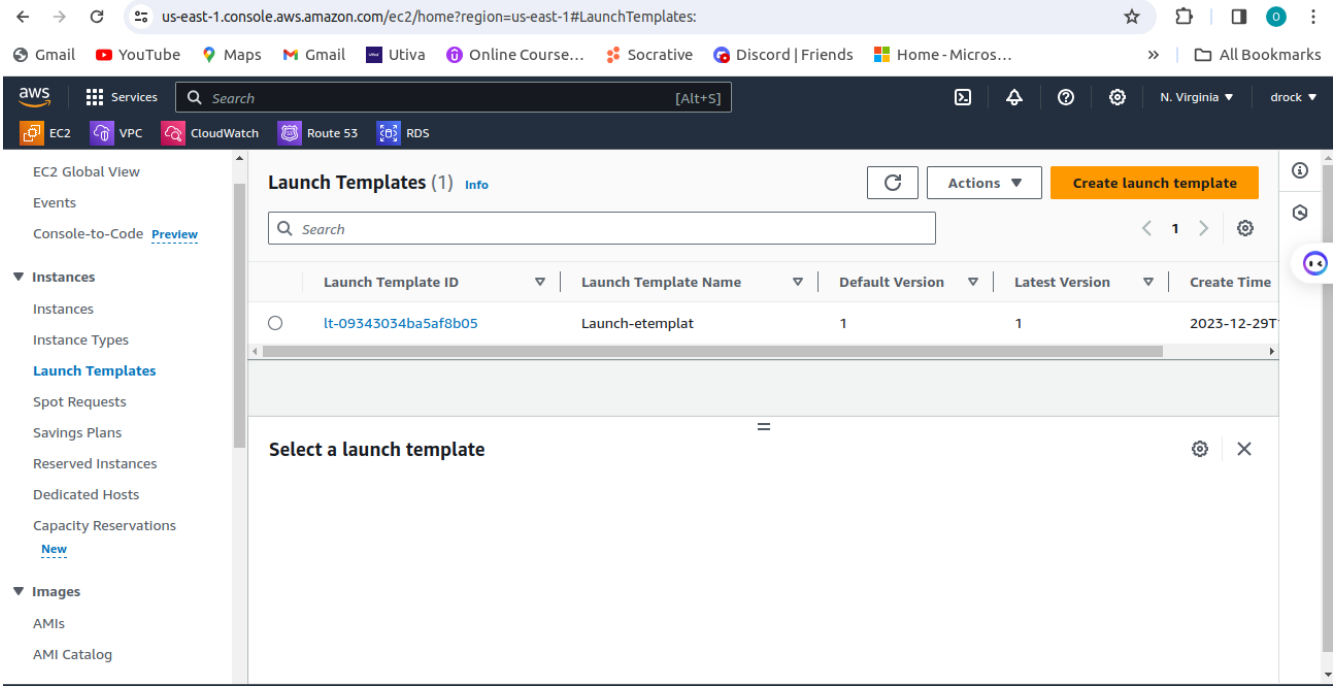


CREATE TEMPLATE

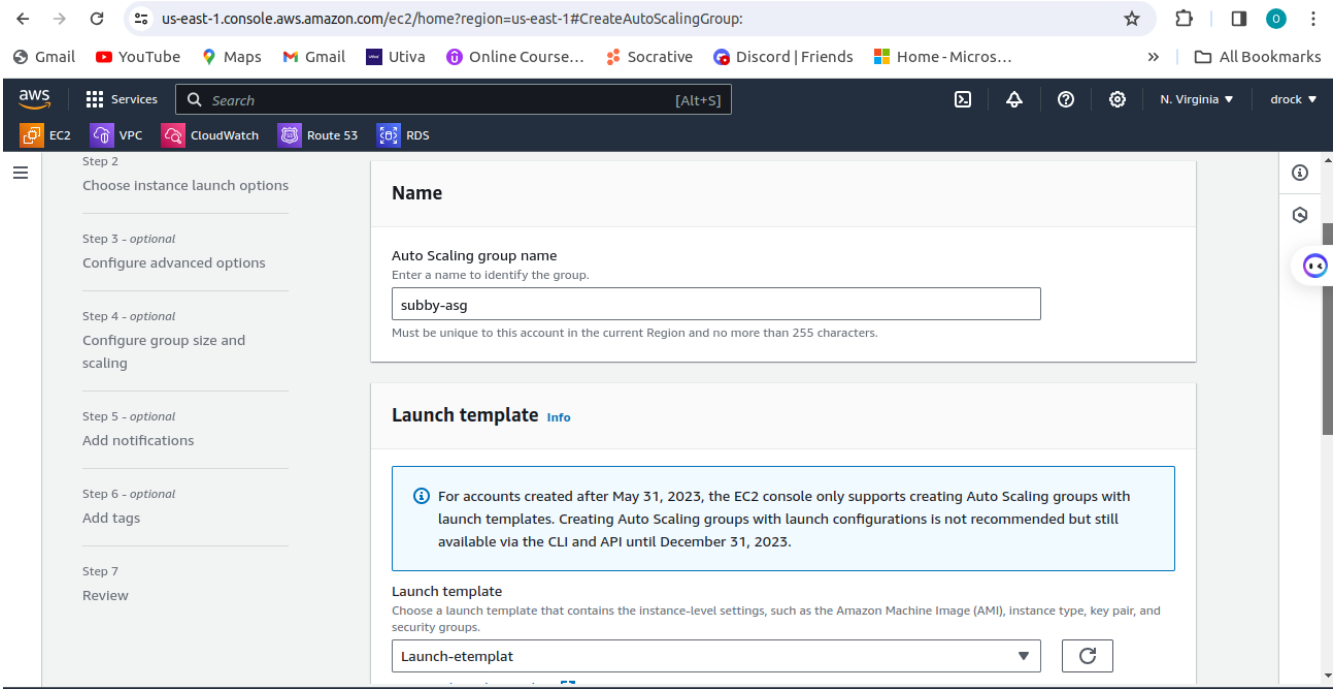
AMI

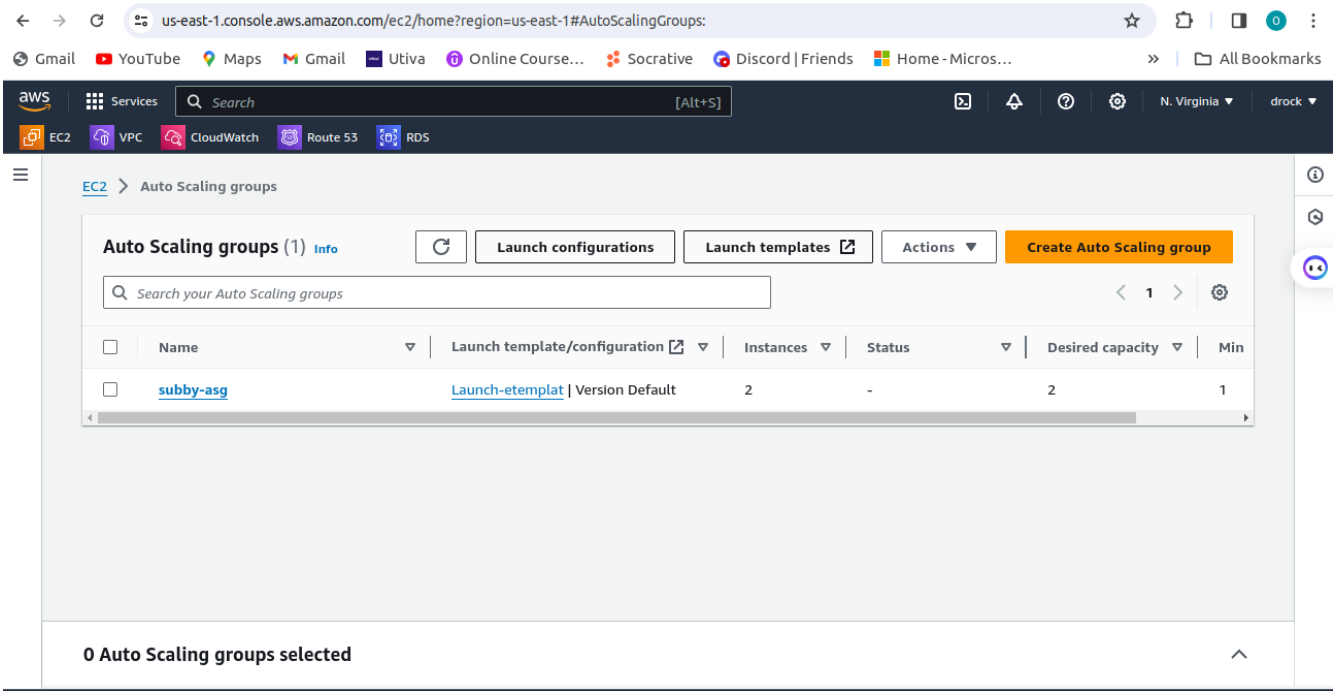


LAUNCH TEMPLATE

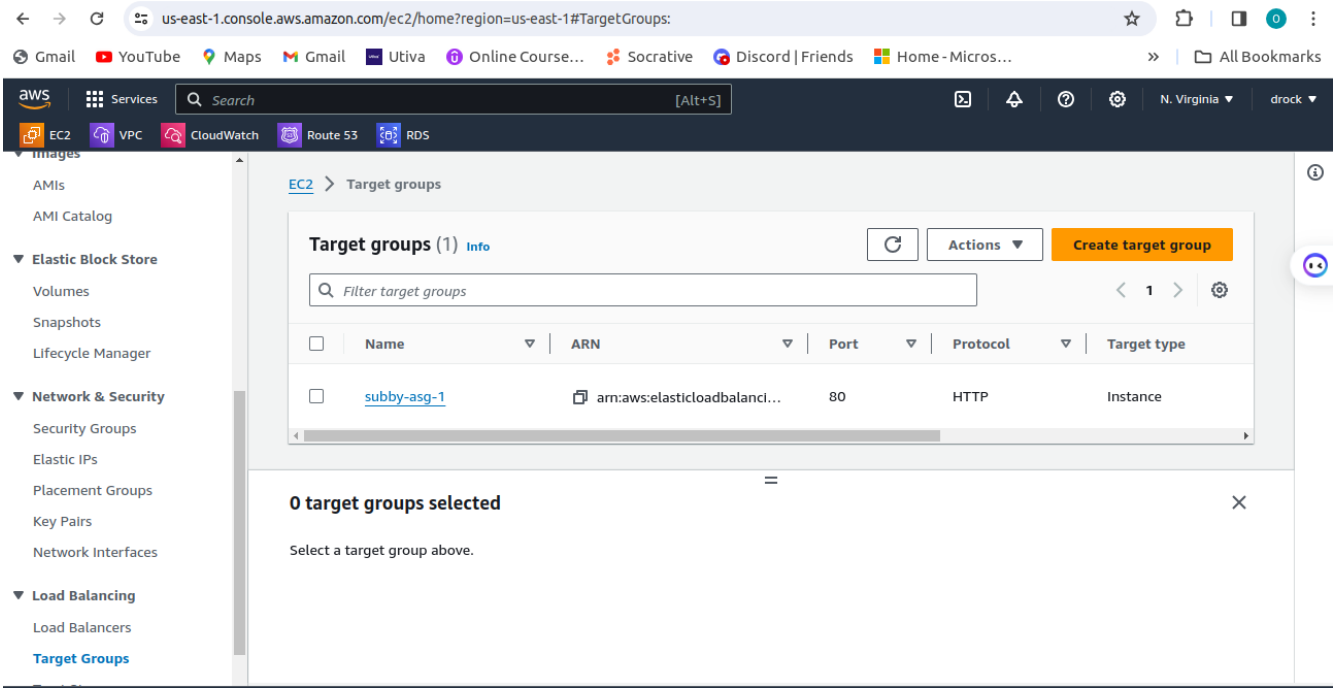


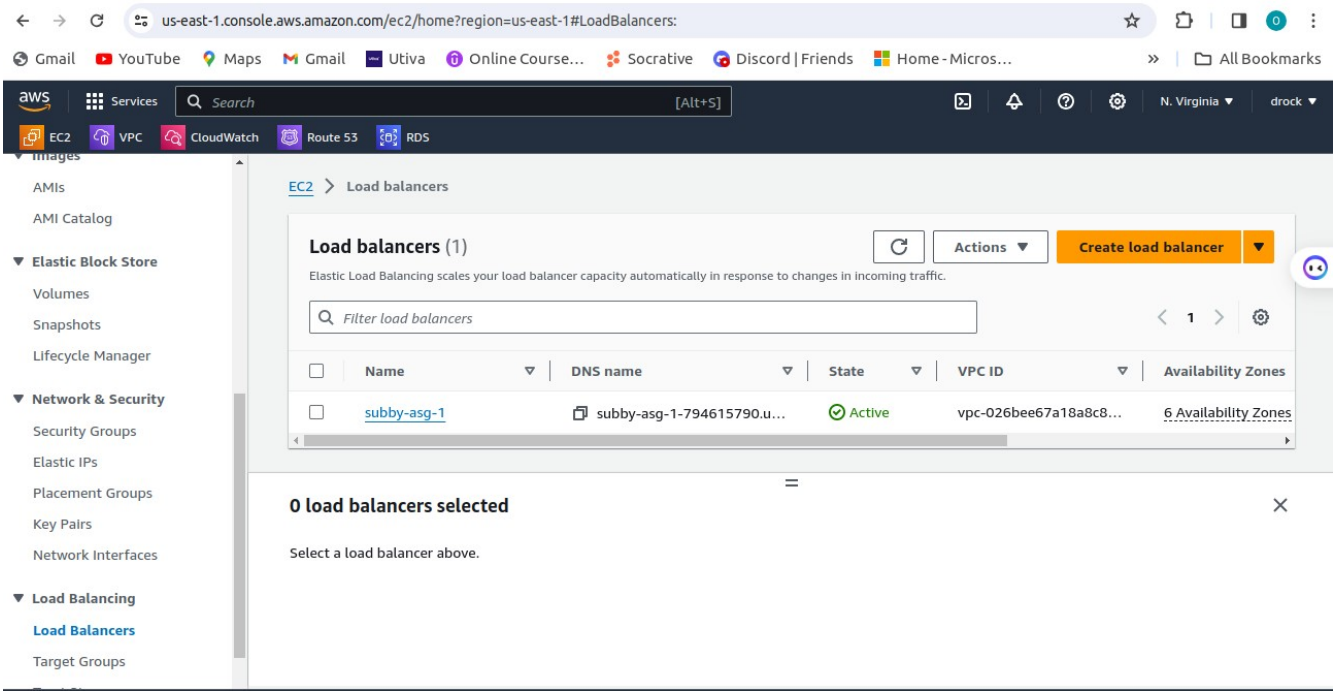
AUTO SCALING GROUP



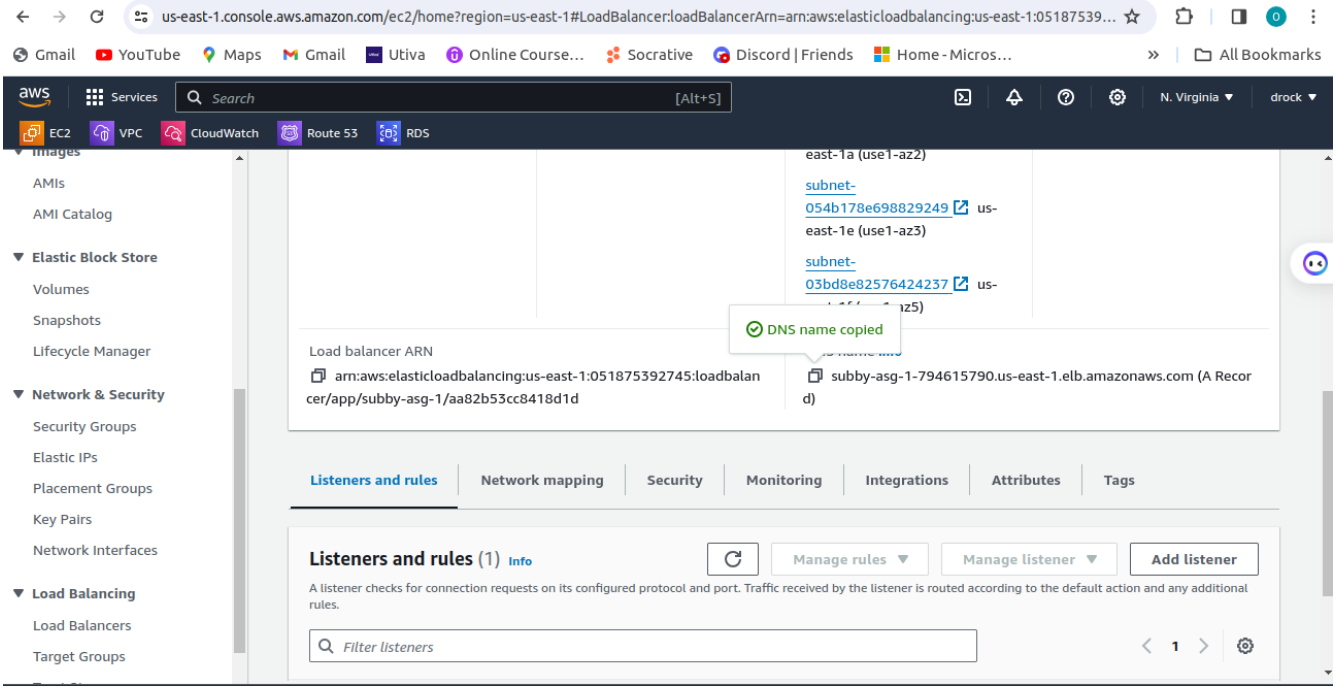


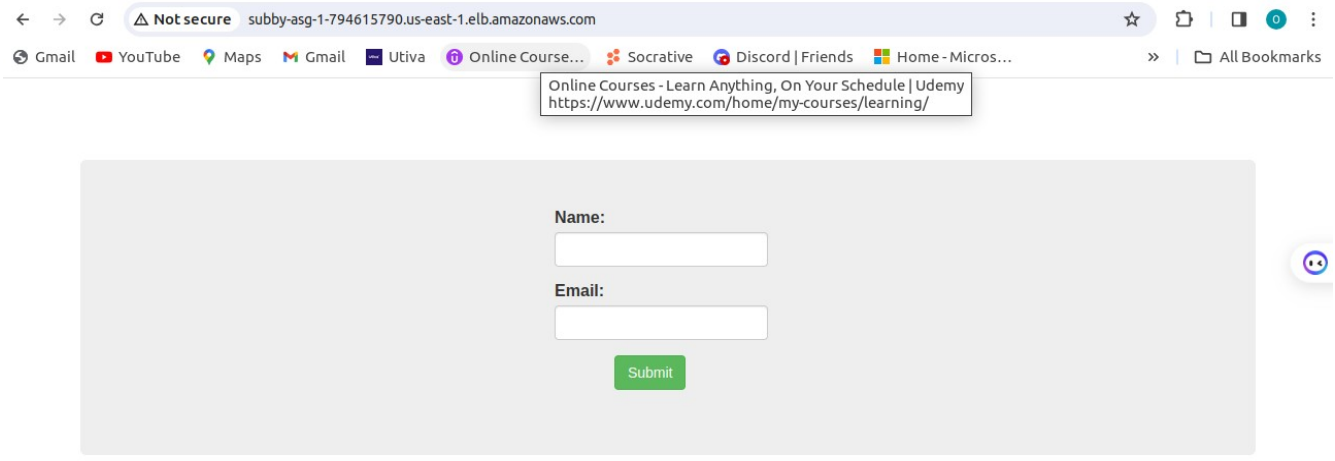
TARGET GROUP AND LOAD BALANCER GOT CREATED





DNS OF LOAD BALANCER IS COPIED





EFFECT OF AUTO SCALING GROUP