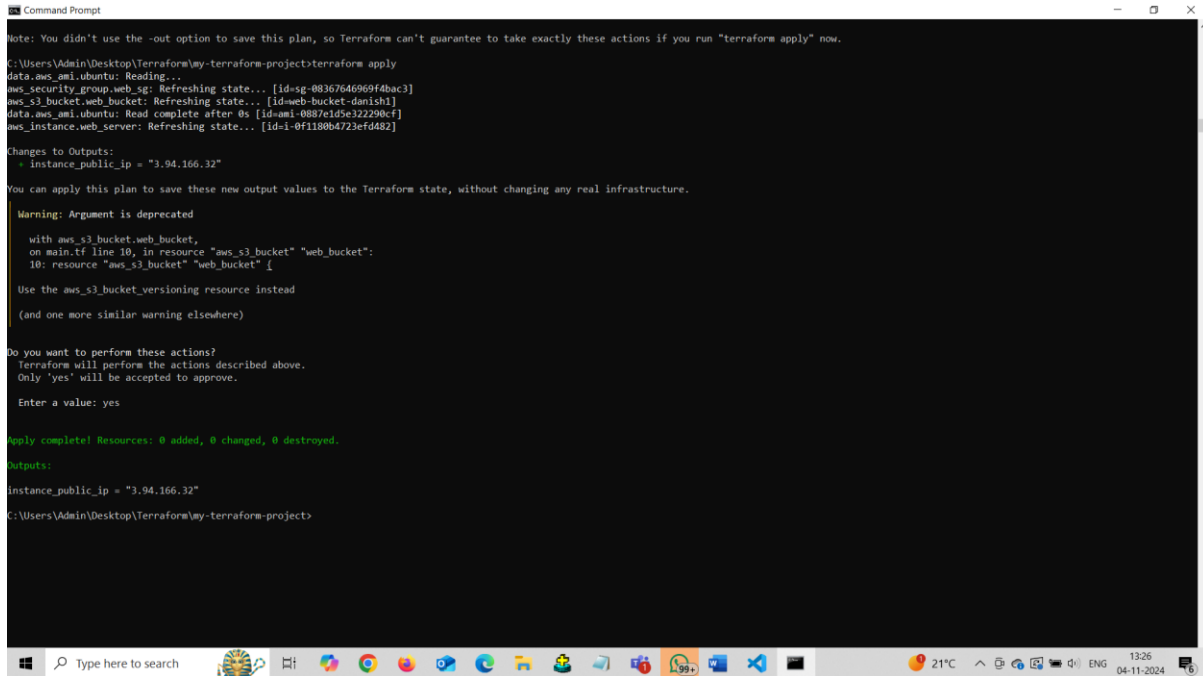


Assignment 6

A screenshot or terminal output showing the public IP address of the EC2 instance:



```
Command Prompt
Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.

C:\Users\Admin\Desktop\Terraform\my-terraform-project>terraform apply
data.aws_ami.ubuntu: Reading...
aws_security_group.web_sg: Refreshing state... [id=sg-08367646969f4bac3]
aws_s3_bucket.web_bucket: Refreshing state... [id=web-bucket-danish1]
data.aws_ami.ubuntu: Read complete after 0s [id=ami-0887e1d5e322298cf]
aws_instance.web_server: Refreshing state... [id=i-0f1180b4723ef4482]

Changes to Outputs:
  instance_public_ip = "3.94.166.32"

You can apply this plan to save these new output values to the Terraform state, without changing any real infrastructure.

Warning: Argument is deprecated
  with aws_s3_bucket.web_bucket,
  on main.tf line 10, in resource "aws_s3_bucket" "web_bucket":
   10: resource "aws_s3_bucket" "web_bucket" {

Use the aws_s3_bucket_versioning resource instead
  (and one more similar warning elsewhere)

Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.

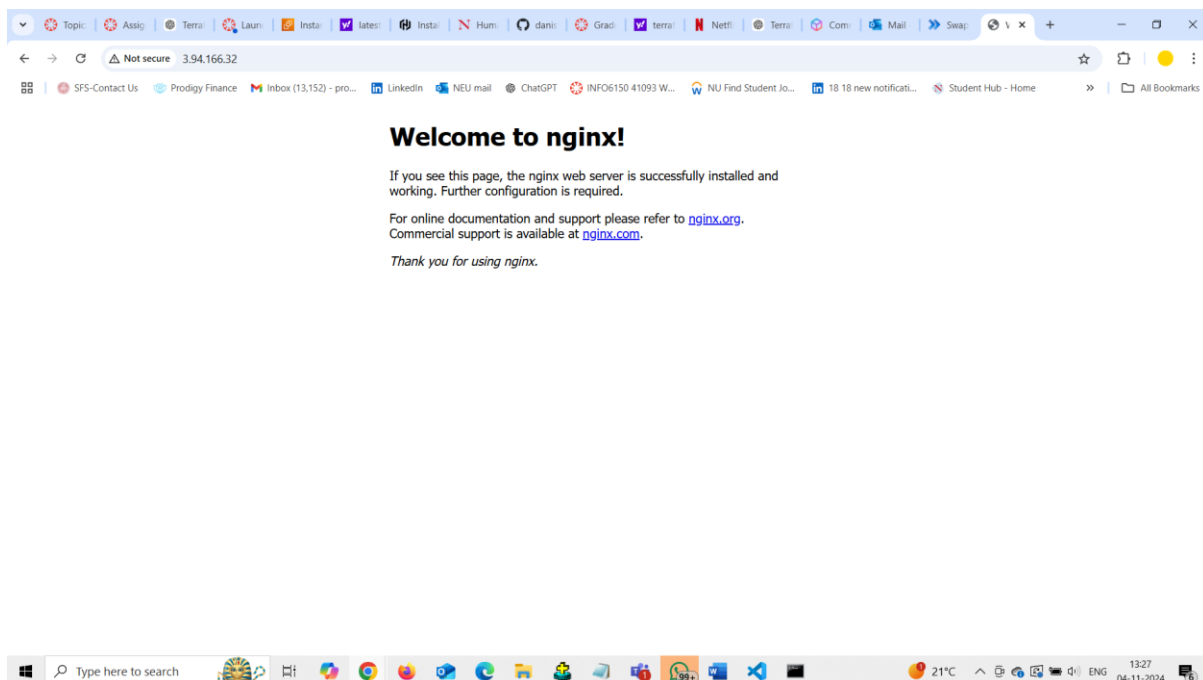
Enter a value: yes

Apply complete! Resources: 0 added, 0 changed, 0 destroyed.

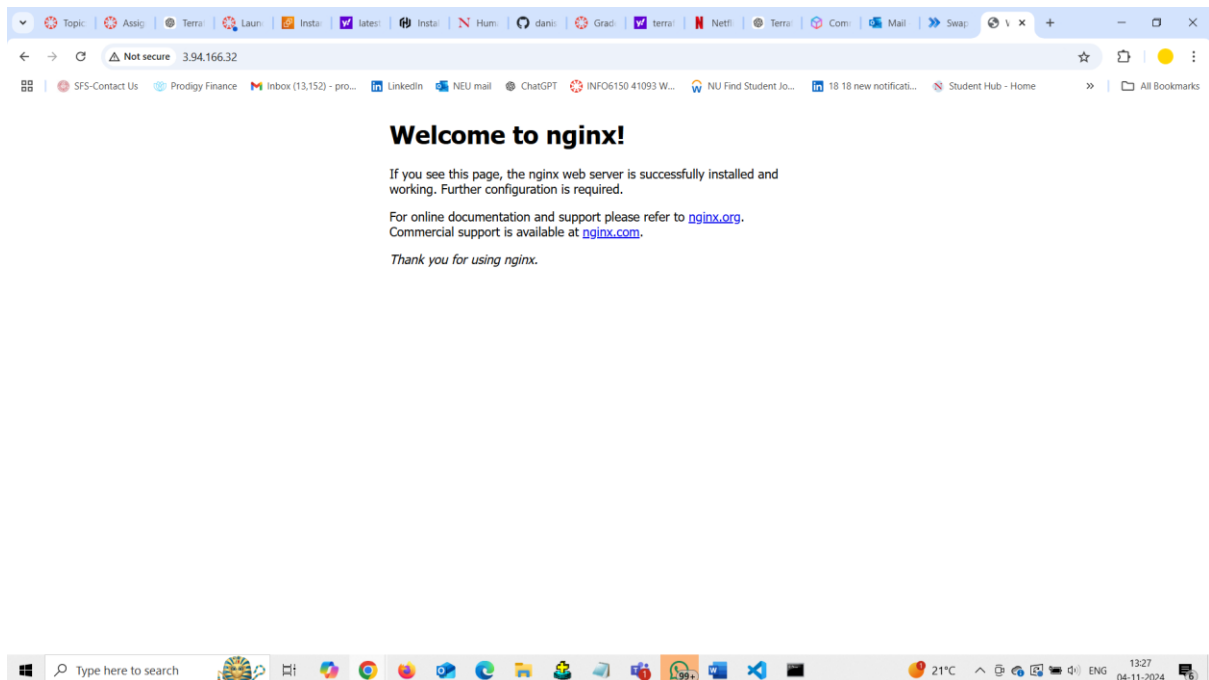
Outputs:
instance_public_ip = "3.94.166.32"

C:\Users\Admin\Desktop\Terraform\my-terraform-project>
```

A screenshot of a browser confirming Nginx is running (by accessing the public IP in the browser)



Open the public IP address in a web browser—if everything is correct, you should see the default Nginx welcome page:



Use `curl <public-ip>` from the terminal to verify if the Nginx web server is responding:

```
Command Prompt

Do you want to perform these actions?
  Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.

  Enter a value: yes

Apply complete! Resources: 0 added, 0 changed, 0 destroyed.

Outputs:
instance_public_ip = "3.94.166.32"

C:\Users\Admin\Desktop\Terraform\my-terraform-project>curl http://3.94.166.32
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx</title>
<style>
  body {
    width: 35em;
    margin: 0 auto;
    font-family: Tahoma, Verdana, Arial, sans-serif;
  }
</style>
</head>
<body>
<h1>Welcome to nginx</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
</body>
</html>

C:\Users\Admin\Desktop\Terraform\my-terraform-project>
```