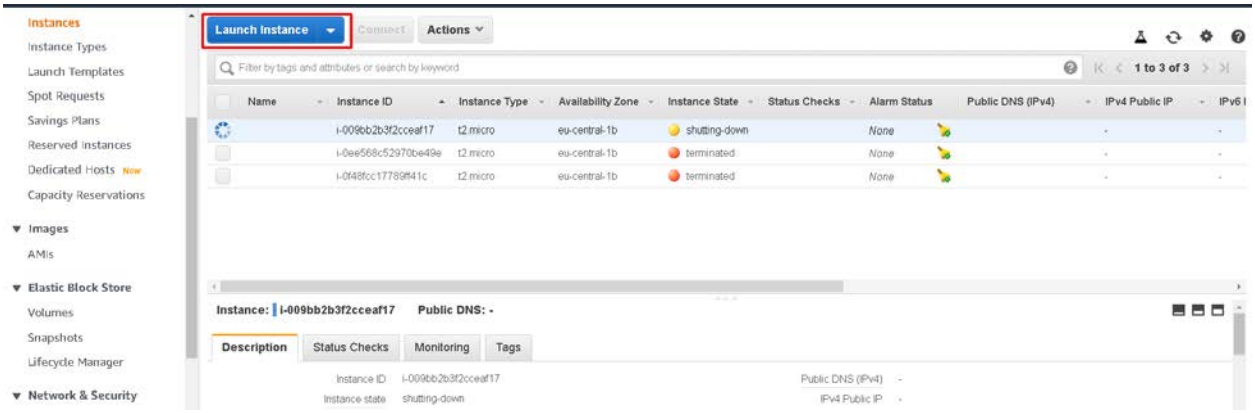
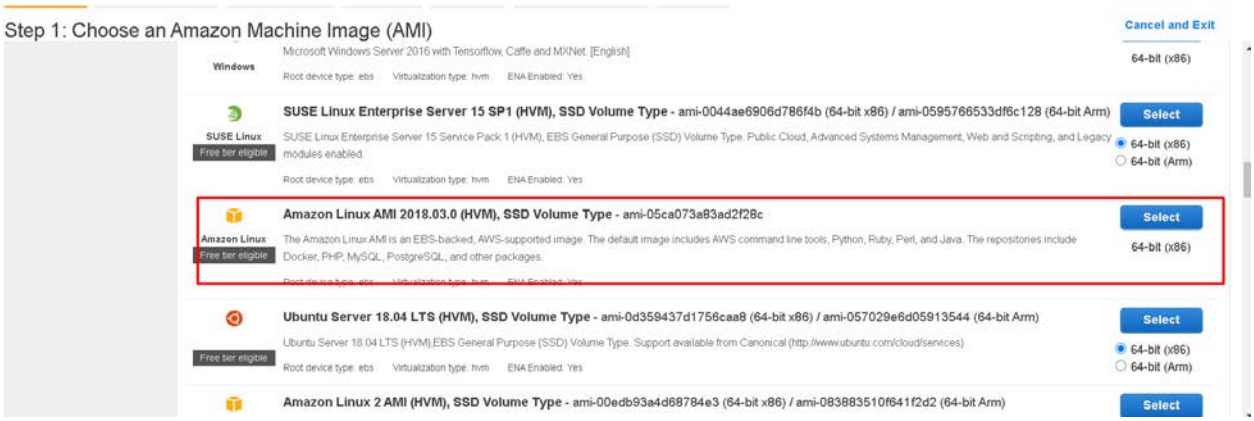
Launch an instance and replace the default server page content

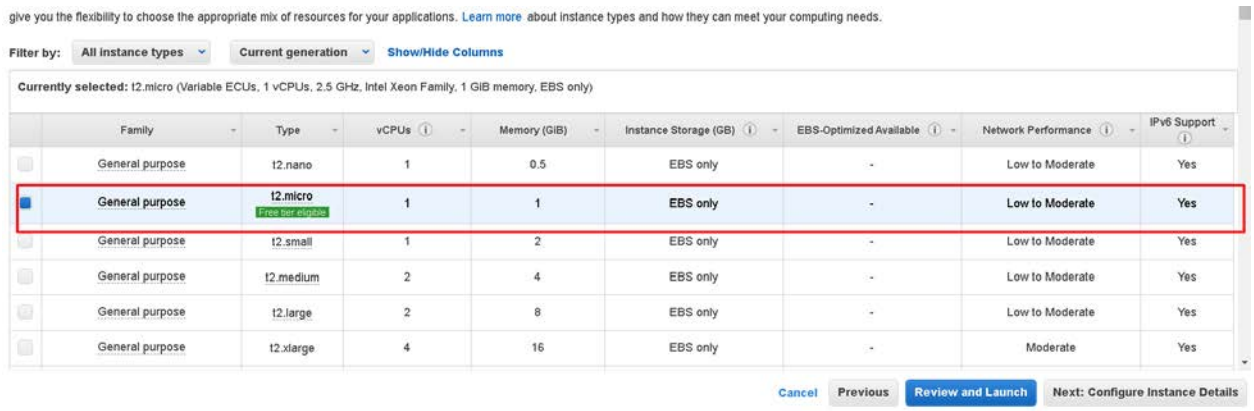
1. Go to AWS Console EC2 section and lick Launch Instances



2. From the list of AMIs choose Amazon Linux AMI 2018 – its free tier

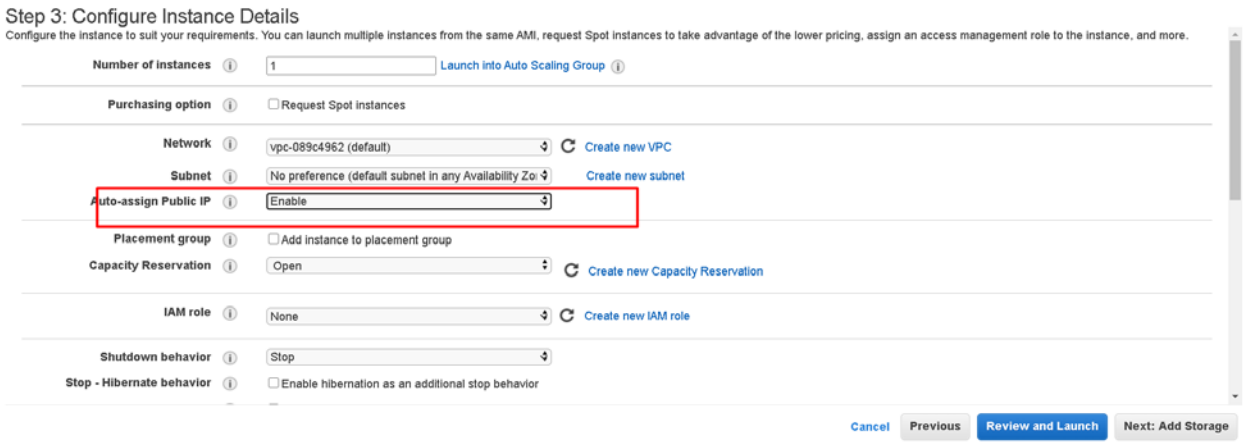


3. Choose General Purpose t2.micro instance



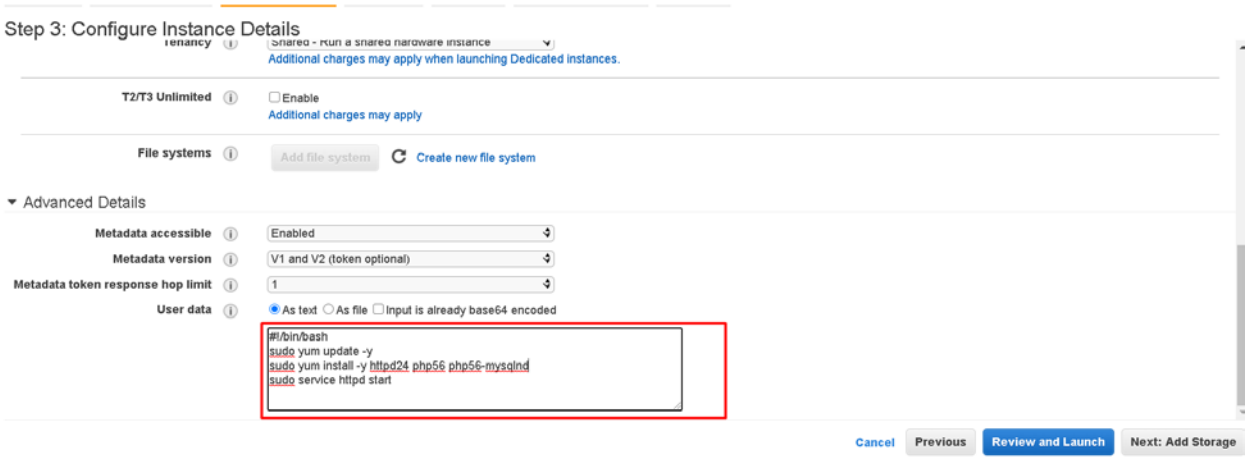
4. Make sure the Auto-assign Public IP is Enabled

- IAM Role – here you can connect EC2 with S3 with the role that you have created in IAM

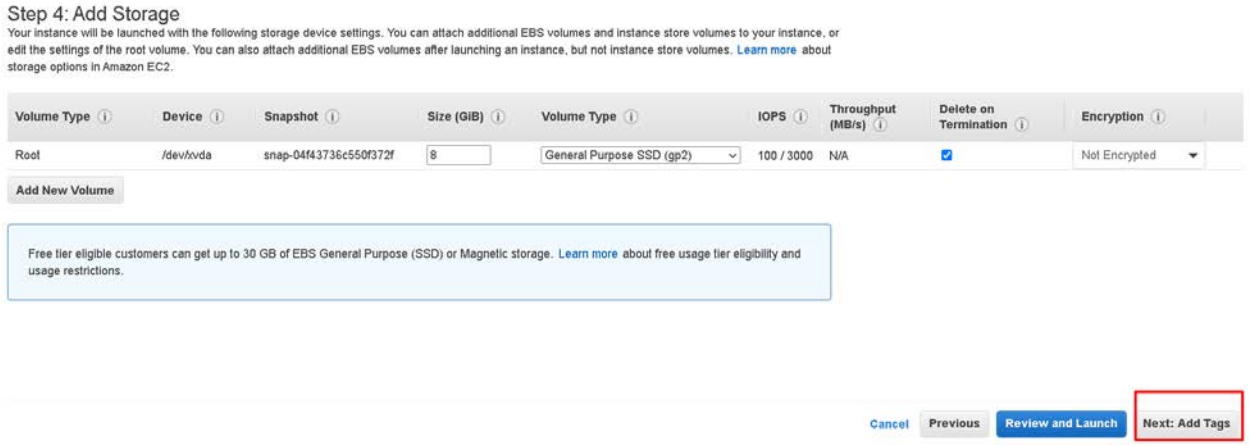


5. On the same page scroll down and add the following commands :

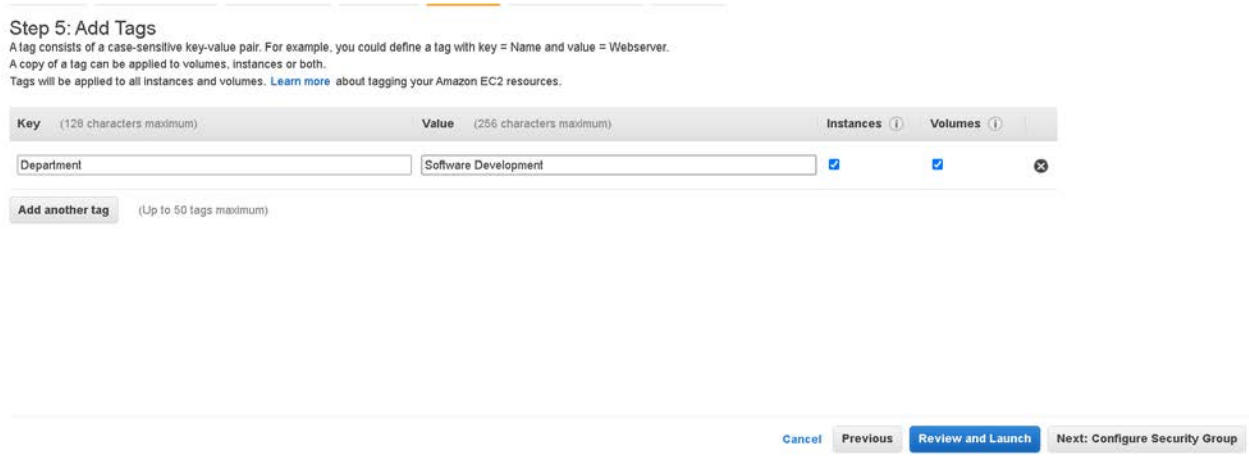
```
#!/bin/bash
sudo yum update -y
sudo yum install -y httpd24 php56 php56-mysqlnd
sudo service httpd start
```



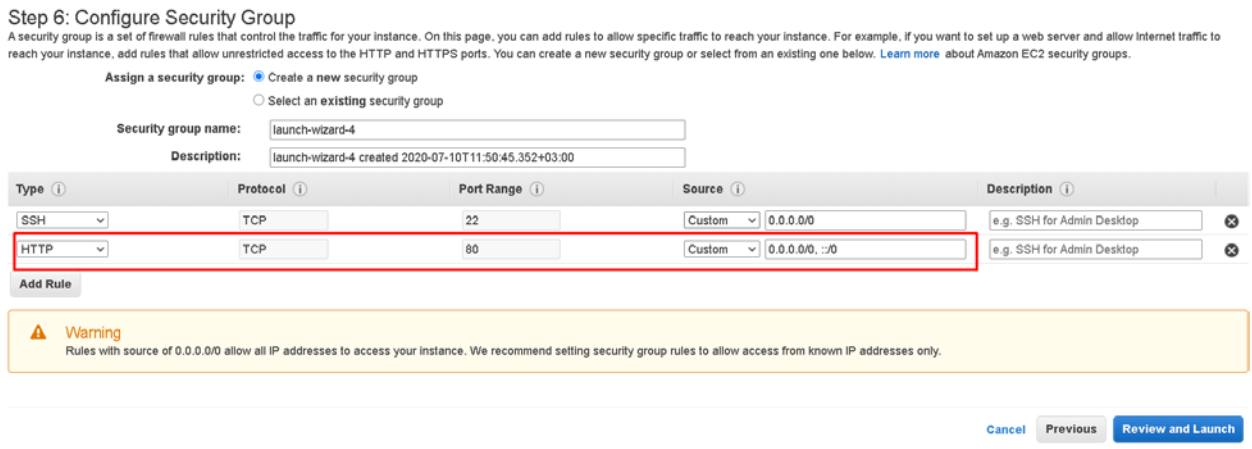
6. Just skip the next page



7. Optionally add some tags

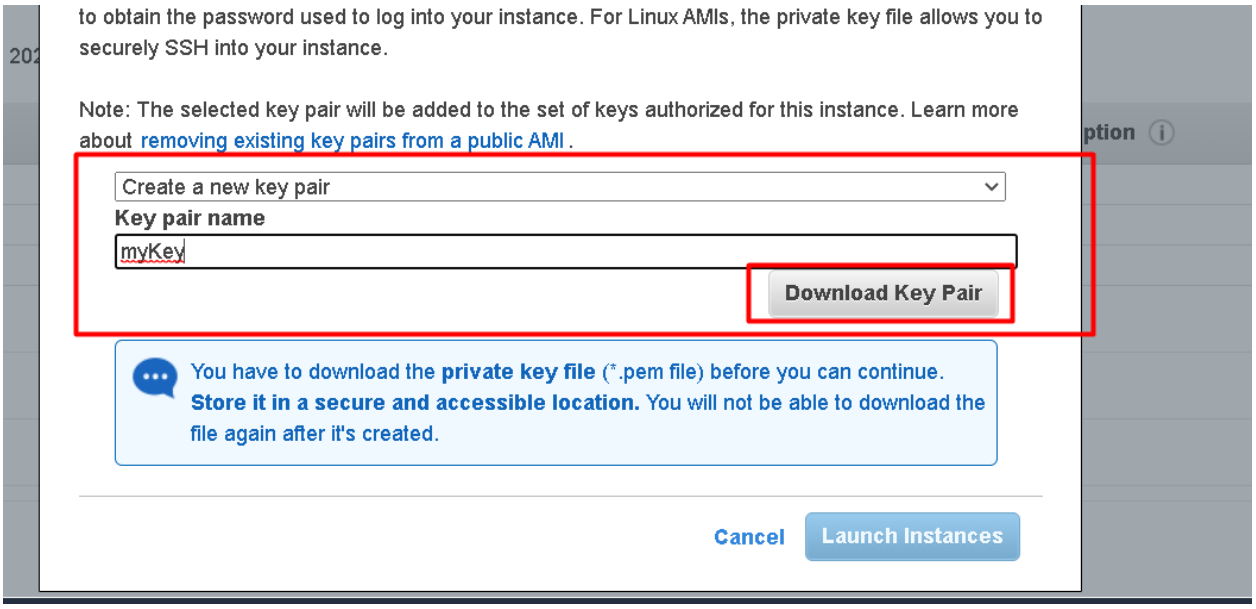


8. Edit the security group and add new rule to allow HTTP access

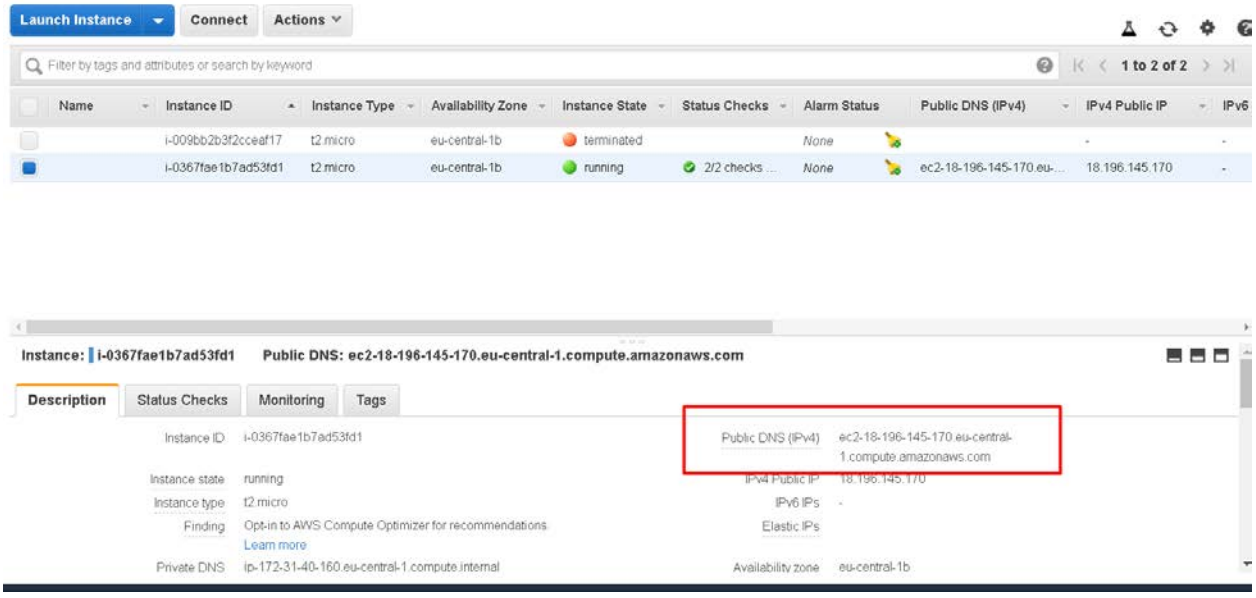


Change the security group description?

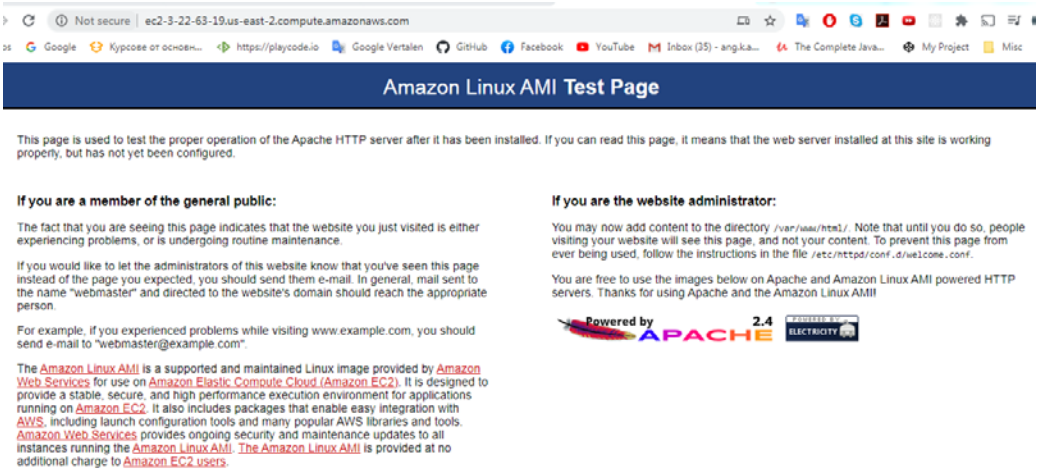
9. If you don't already have a key, create a new one and download it



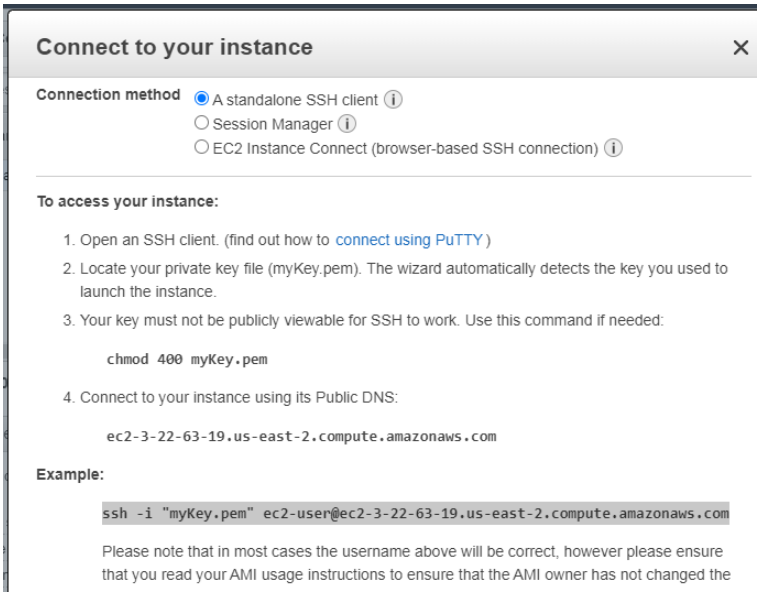
10. From the main page copy the public IP and navigate to it in the browser



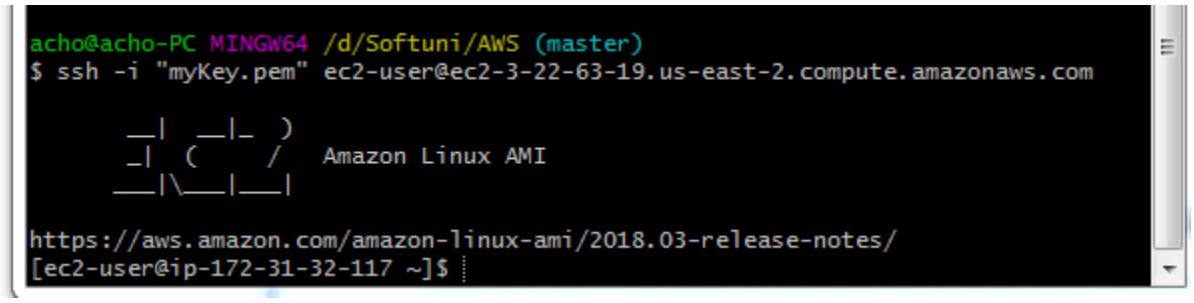
Copy-Paste public DNS-a to open the below page



Click on Connect (to instance). Open gitbash and navigate to the folder. Copy-paste first the chmod 400 myKey command and then the ssh key (in gitbash).



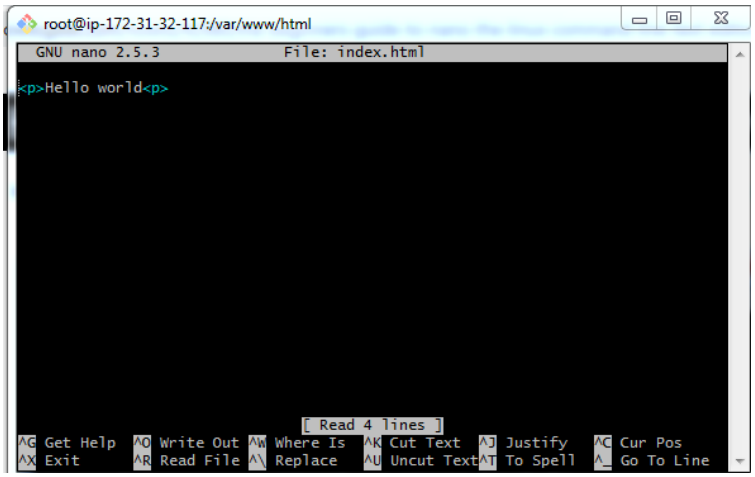
Results in the below:



Commands to be entered in gitbash:

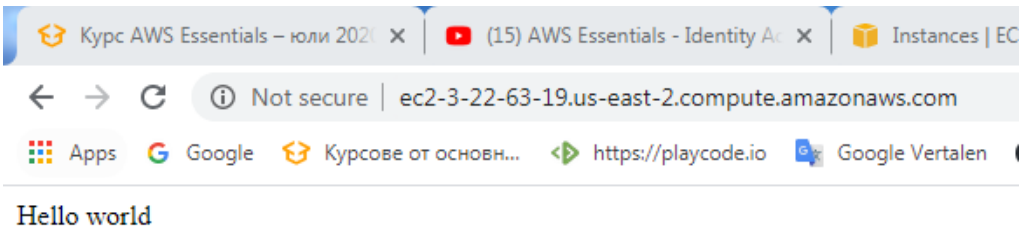
sudo su
cd /var/www/html – navigira do html-a
clear
nano index.html

After the last command the below opens – fill in the html to replace the default page



ctrl+x
Y
Enter

Now the default page content is replaced.



Terminate your instance – Actions – Instance State - Terminate

Link with S3 Actions – Instance Setting – Attach IAM Role

IAM => Roles=> Create Role
Click on EC2=>Next
Search for S3 full access and select it, create role.