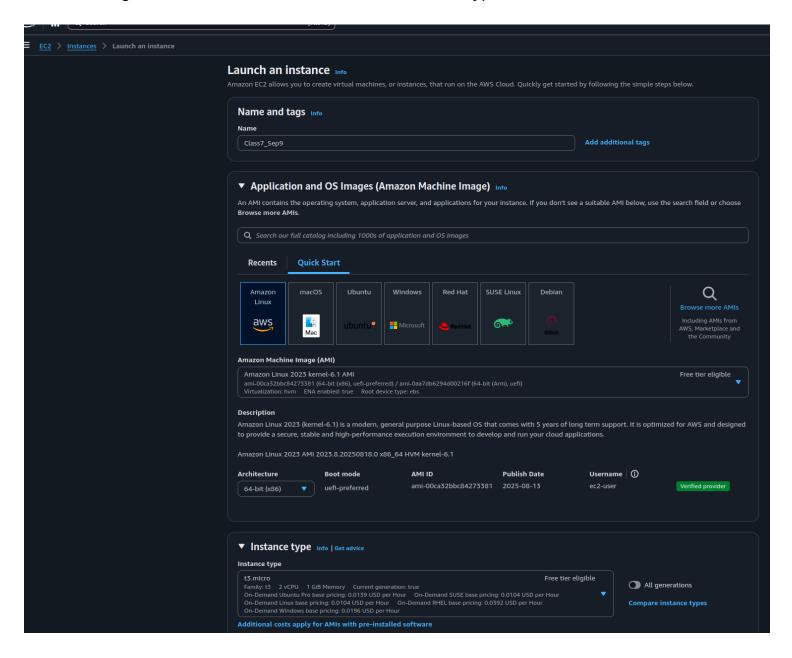
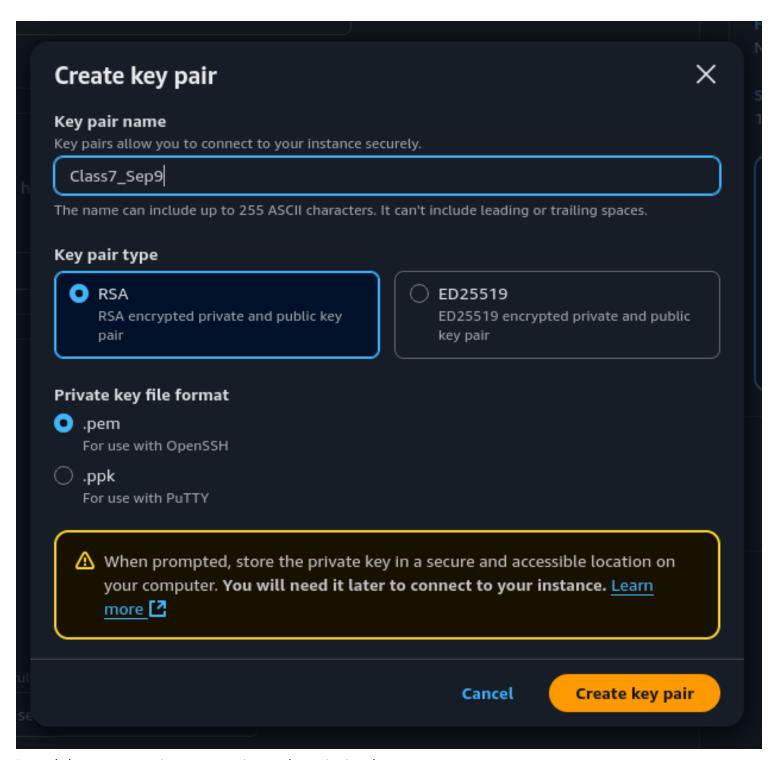
## Creating a basic EC2 instance

Under Instances in EC2, click on launch instance. Give your instance a name. I named mine Class7\_Sep9. Leave the Image on default Amazon Linux and default Instance type.

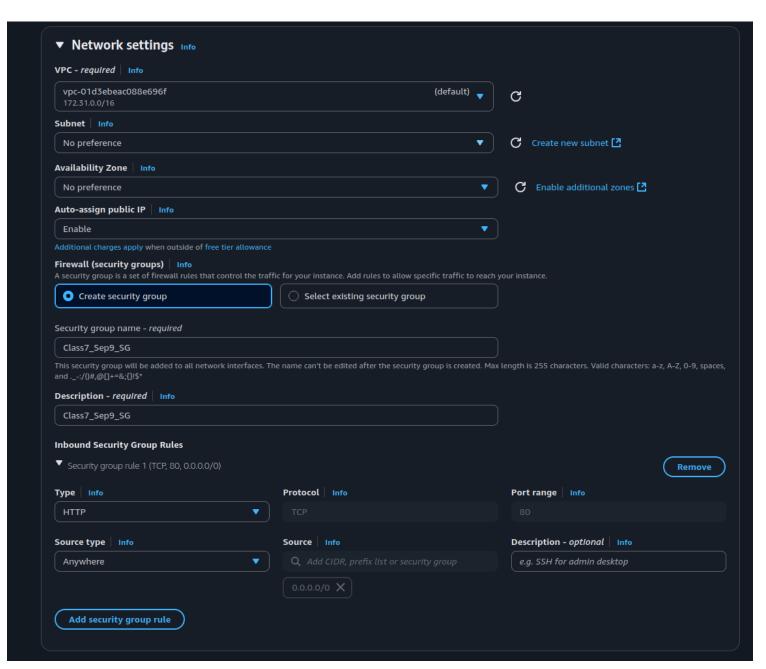


Under Key pair if this is your first time create a new key pair.



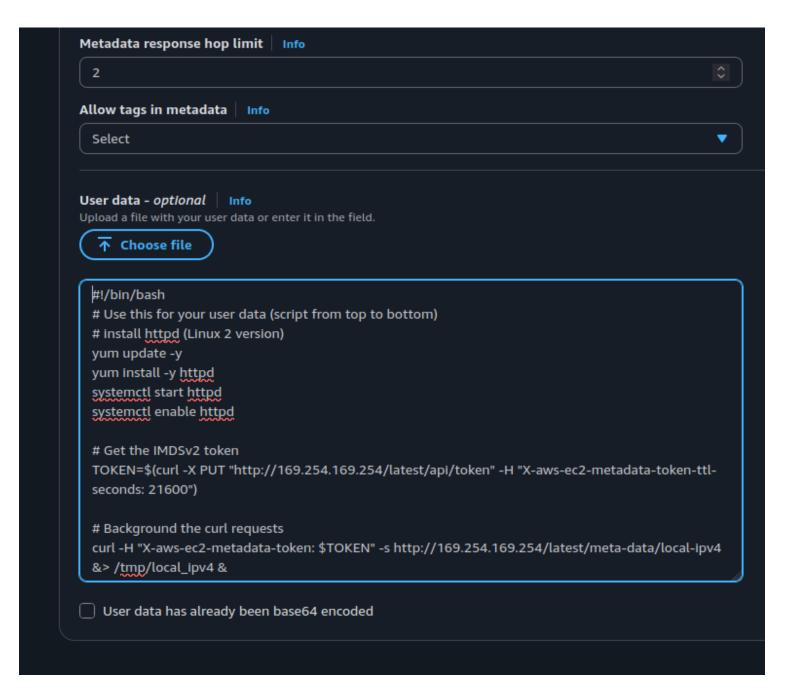
I used the same naming convention to keep it simple.

In the Network Settings we will create a security group if it is the first time.



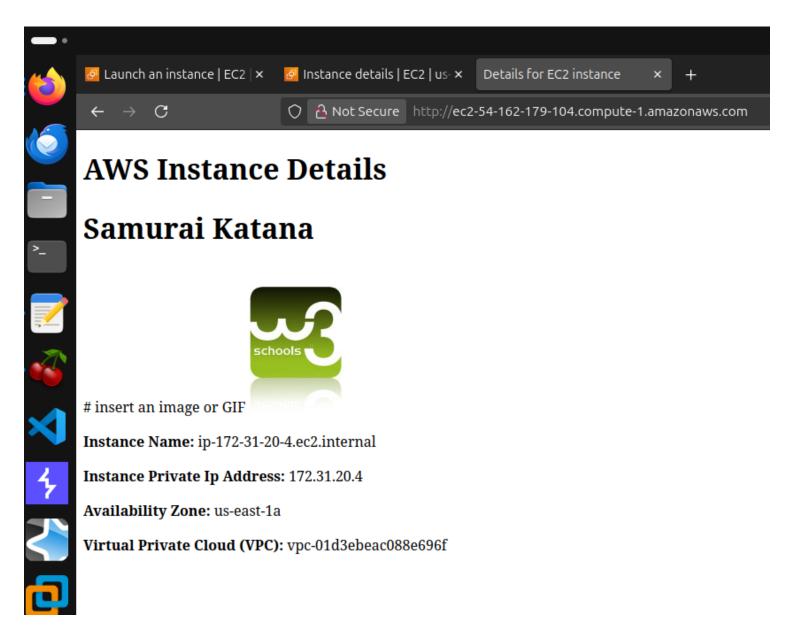
I named it the same as the instance with SG at the end. I also added a inbound rule for http as the type, source is anywhere ipv4.

I then go into the advanced details and paste the startup.txt script into the user data.

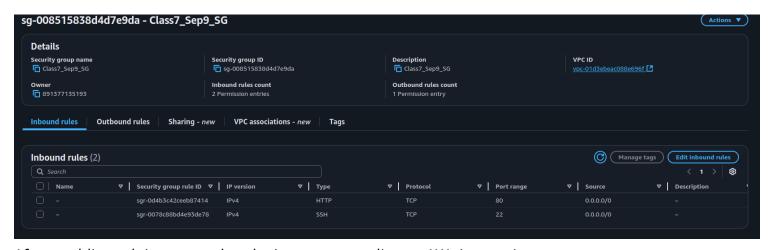


Now i launch the instance

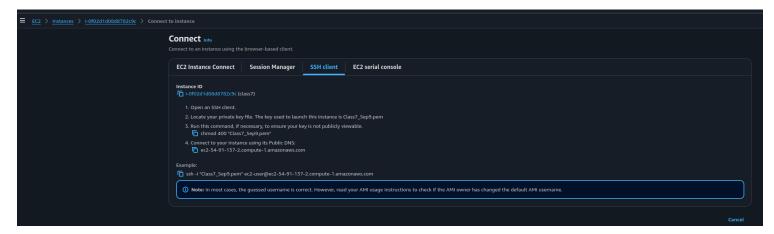
After the instance launches i verify by going to the public dns on the browser. <a href="http://">http://</a>



In order to do the second part of the homework, i enabled ssh on the security group so that i can ssh into the VM.



After enabling ssh i connected to the instance according to AWs instructions:



So i first change the permissions of the .pem that i recieved that is currently on my computer with the command:

chmod 400 "Class7\_Sep9.pem"

I then ssh into the VM:

ssh -i "Class7\_Sep9.pem" ec2-user@ec2-54-91-137-2.compute-1.amazonaws.com

```
ec2-user@ip-172-31-23-54:/var/www/html

[ec2-user@ip-172-31-23-54 html]$ [
```

Now that i am into the VM i change to the directory that the webserver file is in.

cd /var/www/html/

Then:

## sudo nano index html

Paste the following into the editor:

- <html lang=\"en\" class=\"h-100\">
- <head>
- <title>Details for EC2 instance</title>
- </head>
- <body>
- <div>
- <h1>WINNERS WIN!!!</h1>
- <br>
- <img src="https://www.nowtravelasia.com/wp-content/uploads/2018/08/trip-asia-travel.jpg"
- <br>
- <b>"I, Larry Harris, THANK THEO AND Rob, FOR TEACHING ME ABOUT EC2s IN AWS. ONE STEP CLOSER TO ESCAPING KEISHA! "WITH THIS CLASS, I WILL NET \$500.000 PER YEAR!"</b>
- </div>
- </body>
- </html>

save it and then refresh the website to see the update.



## **AWS Instance Details**

## Welcome To Larry's World



"I, Larry Harris, THANK THEO AND Rob, FOR TEACHING ME ABOUT EC2s IN AWS. ONE STEP CLOSER TO ESCAPING KEISHA! "WITH THIS CLASS, I WILL NET \$500.000 PER YEAR!"

