ssh -i as.pem ec2-user@ec2-34-238-53-53.compute-1.amazonaws.com

copy Resouce folder and db folder in desktop

open new Git bash console

$ scp -r -i Desktop/as.pem Desktop/Resources/ [ec2-user@ec2-34-238-53-53.compute-1.amazonaws.com:/home/ec2-user/](mailto:ec2-user@ec2-34-238-53-53.compute-1.amazonaws.com:/home/ec2-user/)

$ scp -r -i Desktop/as.pem Desktop/db/ [ec2-user@ec2-34-238-53-53.compute-1.amazonaws.com:/home/ec2-user/](mailto:ec2-user@ec2-34-238-53-53.compute-1.amazonaws.com:/home/ec2-user/)

Sudo su

Ls

Cd Resources/

ls

chmod 700 db\_setup.sh

chmod 700 initialSetupwensiteDeploy.sh

yum install mysql-server

service mysqld start

./db\_setup.sh

mysql -u root

mysql> show databases;

[root@ip-172-31-84-75 Resources]# ls

db\_setup.sh initialSetupWensiteDeploy.sh User.sql

[root@ip-172-31-84-75 Resources]# mysql atmospheredb <User.sql

[root@ip-172-31-84-75 Resources]# mv initialSetupWensiteDeploy.sh /home/ec2-user/

[root@ip-172-31-84-75 Resources]# ls

db\_setup.sh User.sql

[root@ip-172-31-84-75 Resources]# cd ..

[root@ip-172-31-84-75 ec2-user]# ls

as.pem initialSetupWensiteDeploy.sh Resources

[root@ip-172-31-84-75 ec2-user]# ./initialSetupWensiteDeploy.sh

## Installing the NodeSource Node.js 10.x repo...

[root@ip-172-31-84-75 ec2-user]# cd db

[root@ip-172-31-84-75 db]# ls

index.js public

[root@ip-172-31-84-75 db]# mv index.js /home/ec2-user/wbsite-deploy/

[root@ip-172-31-84-75 db]# mv public /home/ec2-user/wbsite-deploy/

[root@ip-172-31-84-75 db]# ls

[root@ip-172-31-84-75 db]# cd ..

[root@ip-172-31-84-75 ec2-user]# cd wbsite-deploy/

[root@ip-172-31-84-75 wbsite-deploy]# ls

index.js node\_modules package.json package-lock.json public

[root@ip-172-31-84-75 wbsite-deploy]# node index.js

npm init

[root@ip-172-31-86-65 website-deploy]# npm install express --save

[root@ip-172-31-86-65 website-deploy]# npm install mysql --save

vi index.js

|  |
| --- |
| nohup node index.js & |
| killall -9 node |
| ps aux | grep node |
| killall node |

Ps –a

IOT PART

pip install PyMySQL

python

python shell:

import pymysql

pip install paho-mqtt

python

import paho.mqtt

cd /home/ec2-user/Device/

python temp\_hum.py

Mysql Database Commands

mysql -u root

show databases;

use atmospheredb;

show tables;

select \* from atmospheretable

yum install stress -y

stress --cpu 90 --timeout 30000