**Assignment No 1**

**Code and Output:-**

**Index.js File**

var express = require('express');

var app = express();

app.get('/getdayinfo/:id', function (req, res)

{

   let dayid = (req.params.id);

   let dayinfo={

        "d1":{

                thought:"A goal is a dream with a deadline."

            },

        "d2":{

                thought:"An entrepreneur is someone who jumps off a cliff and builds a plane on the way down."

            },

        "d3":{

                thought:"I don't look to jump over seven-foot bars. I look for one-foot bars that I can step over."

            },

        "d4":{

                thought:"You can't have a million dollar dream with a minimum wage work ethic."

            },

        "d5":{

                thought:"The most dangerous poison is the feeling of achievement. The antidote is to, every evening, think what can be done better tomorrow."

            },

        "d6":{

                thought:"The true sign of intelligence is not knowledge but imagination."

            },

        "d7":{

                thought:"The most courageous act is still to think for yourself. Aloud."

            }

   }

   res.send({result:dayinfo[dayid]});

})

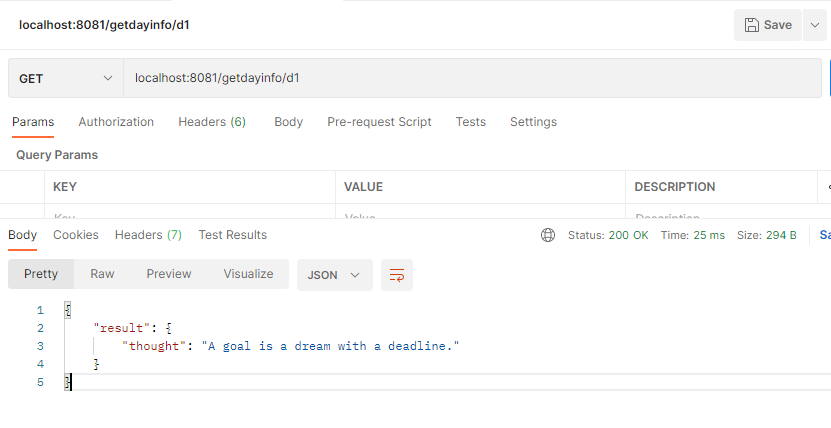
var server = app.listen(8081, function () {

   var host = server.address().address

   var port = server.address().port

   console.log("Example app listening at http://%s:%s", host, port)

})



**a.php file**

<form action="a.php" method="get">

    Userid:<input name="dayid">

    <input type="submit" value="Ok">

</form>

<?php

if($\_GET["userid"])

{

    $u=$\_GET["userid"];

    $url = "http://10.12.0.231:8081/getdayinfo/".$u;

    $json = file\_get\_contents($url);

    $json\_data = json\_decode($json, true);

?>

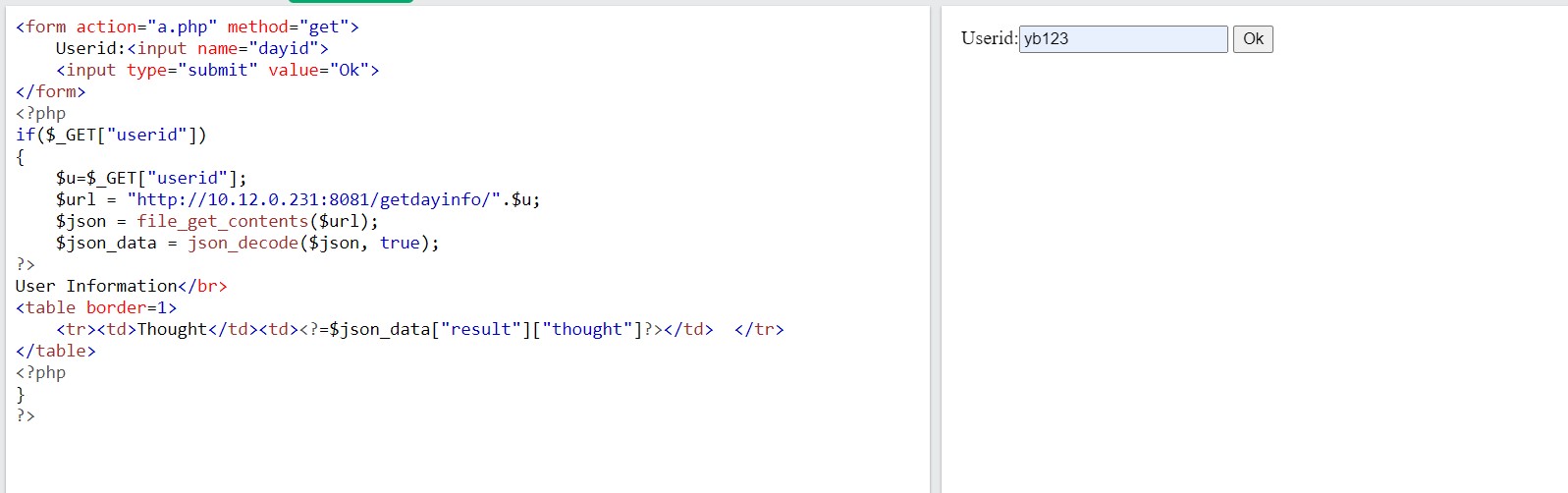
User Information</br>

<table border=1>

    <tr><td>Thought</td><td><?=$json\_data["result"]["thought"]?></td>  </tr>

</table>

<?php

****

**Assignment 4**

**Source Code:**

//Firebase App is always required and must be first

var firebase = require(&quot;firebase/app&quot;);

require(&quot;firebase/auth&quot;);

require(&quot;firebase/database&quot;);

require(&quot;firebase/firestore&quot;);

require(&quot;firebase/messaging&quot;);

require(&quot;firebase/functions&quot;);

var config = {

apiKey: &quot;AIzaSyCF-ZPZpGQwJAhDxYjkcJUQoQbahZ3-h6c&quot;,

authDomain: &quot;umbreall-skh.firebaseapp.com&quot;,

databaseURL: &quot;https://umbreall-skh.firebaseio.com&quot;,

projectId: &quot;umbreall-skh&quot;,

storageBucket: &quot;umbreall-skh.appspot.com&quot;,

messagingSenderId: &quot;728877036905&quot;

};

firebase.initializeApp(config);

var dbRef=null;

function getDBRef()

{

dbRef = firebase.database();

}

function addRecords(key)

{

var userRef=dbRef.ref(&#39;users&#39;);

userRef.push ({

[key]: {

fname: &quot;Akash&quot;,

lname:&quot;Marathe&quot;,

dob: &quot;03/02/1997&quot;,

address:&quot;Pune&quot;

}

});

}

function getRecords()

{

var userRef = dbRef.ref(&#39;users&#39;);

userRef.on(&quot;value&quot;, (snapshot)=&gt; {

console.log(snapshot.val());

}, (errorObject)=&gt; {

console.log(&quot;The read failed: &quot; + errorObject.code);

});

}

function process()

{

getDBRef();

var c=1;

switch (c) {

case 1:

addRecords(3);

break;

case 2:

getRecords();

break;

default:

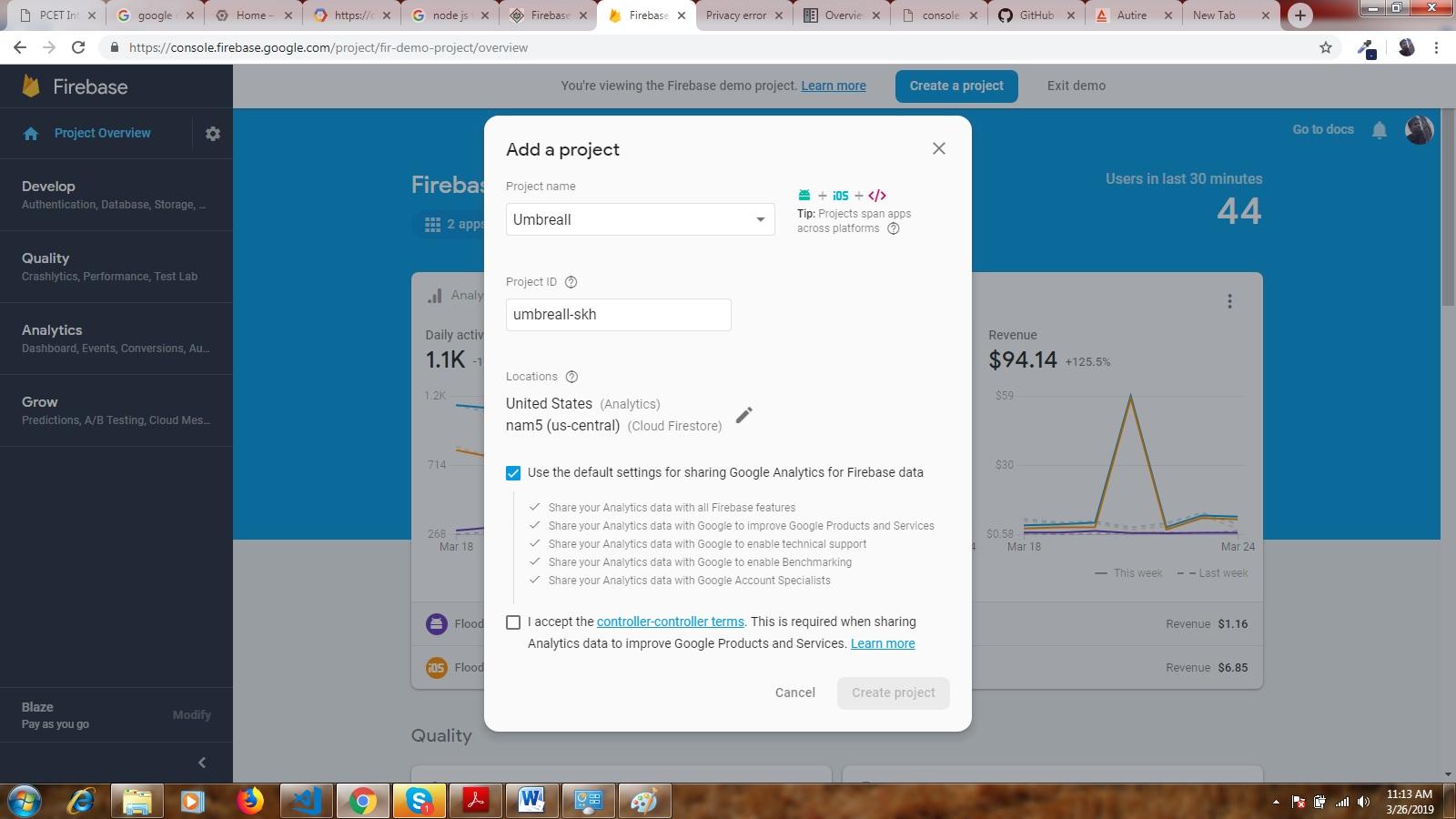
break;

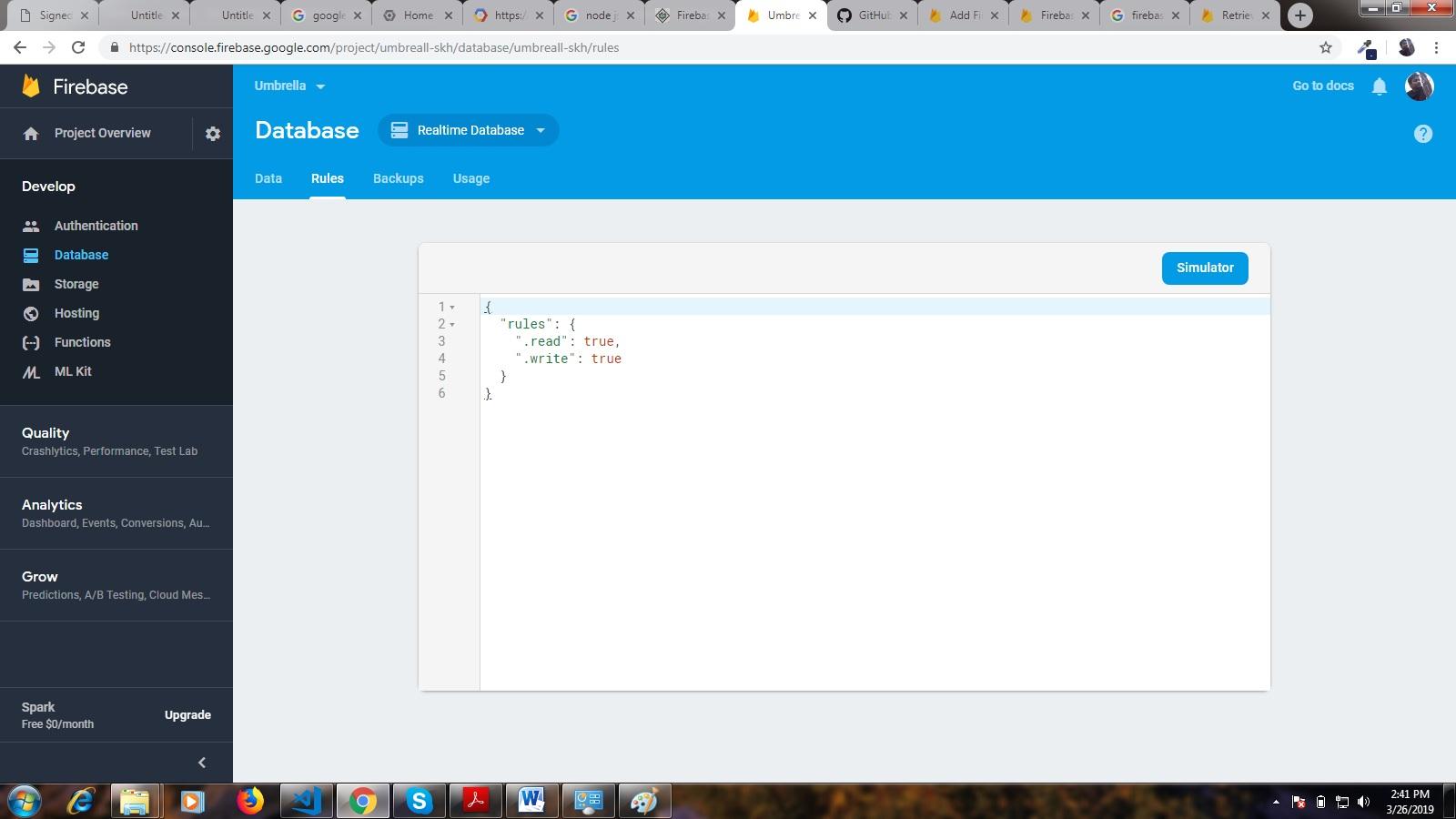
}

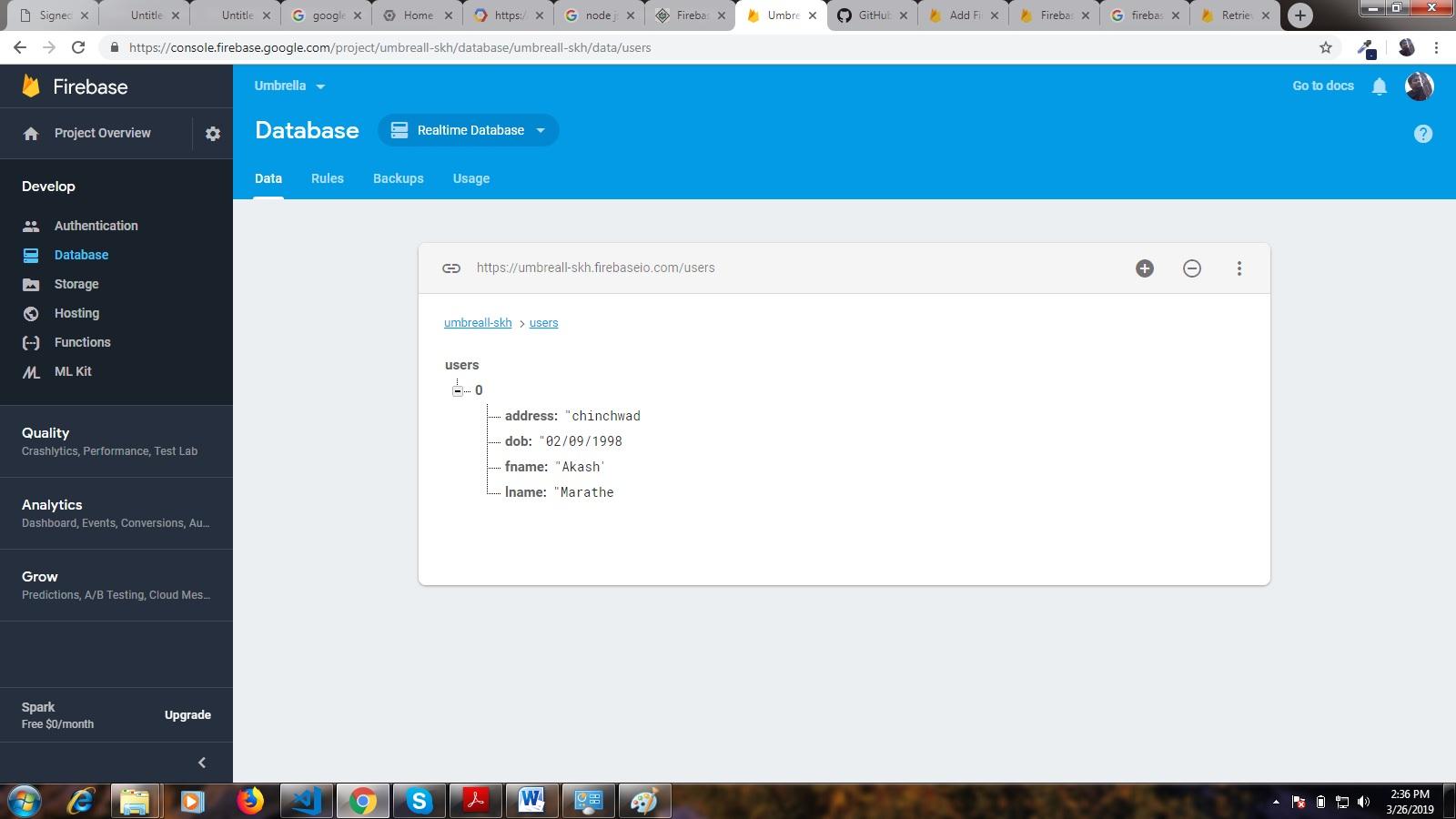
}

process();

**Screenshots for creation and usage of firebase:**

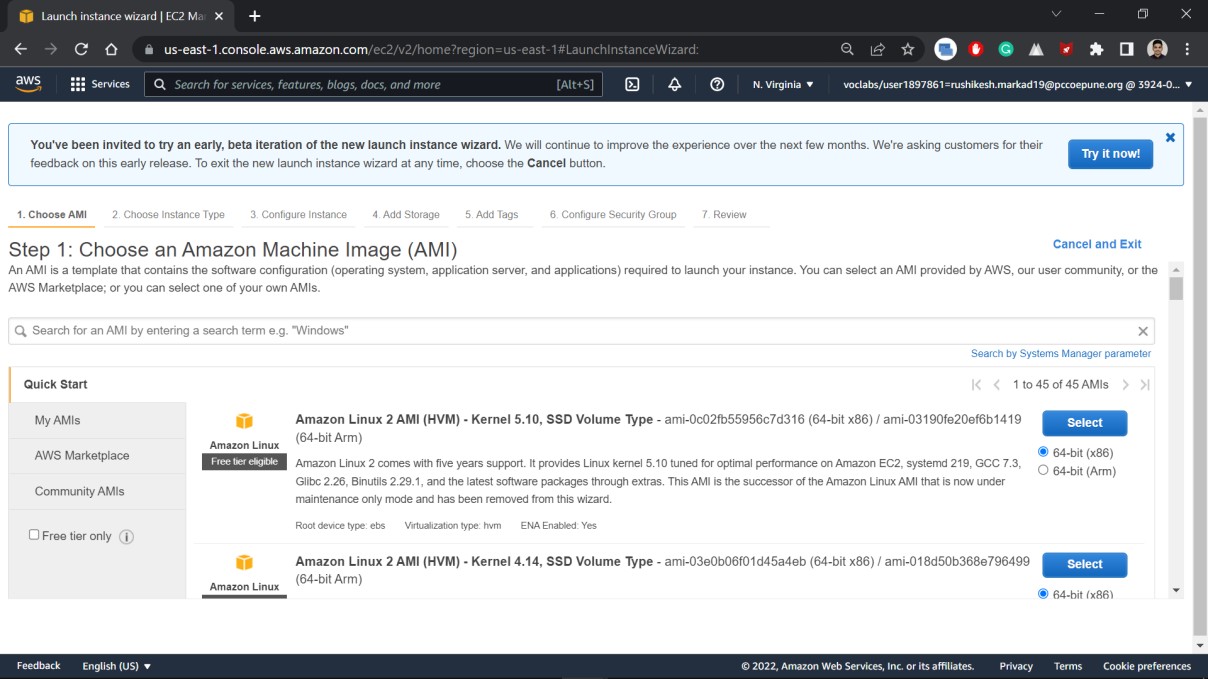


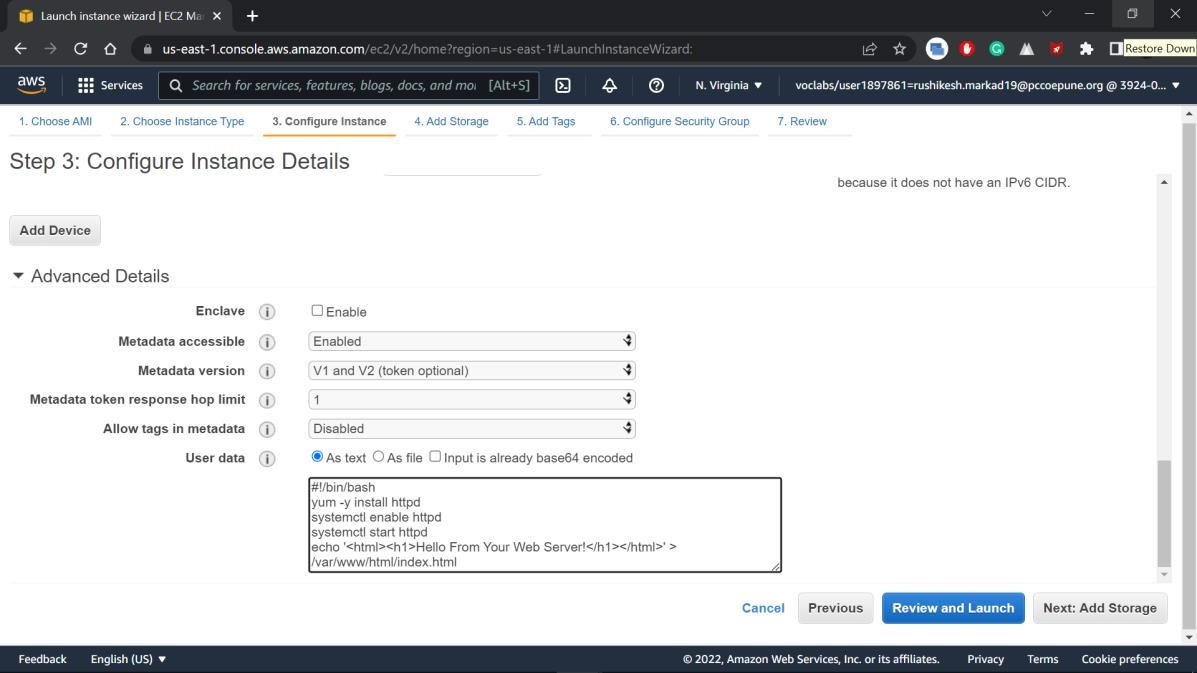


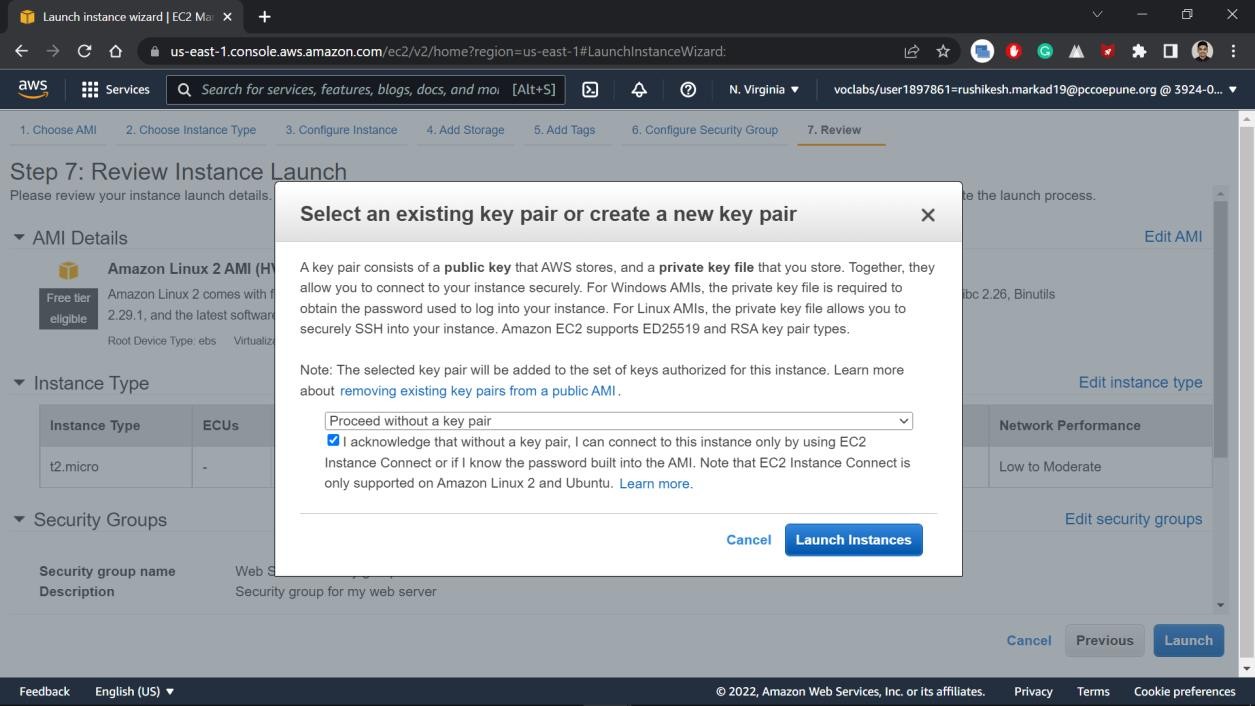


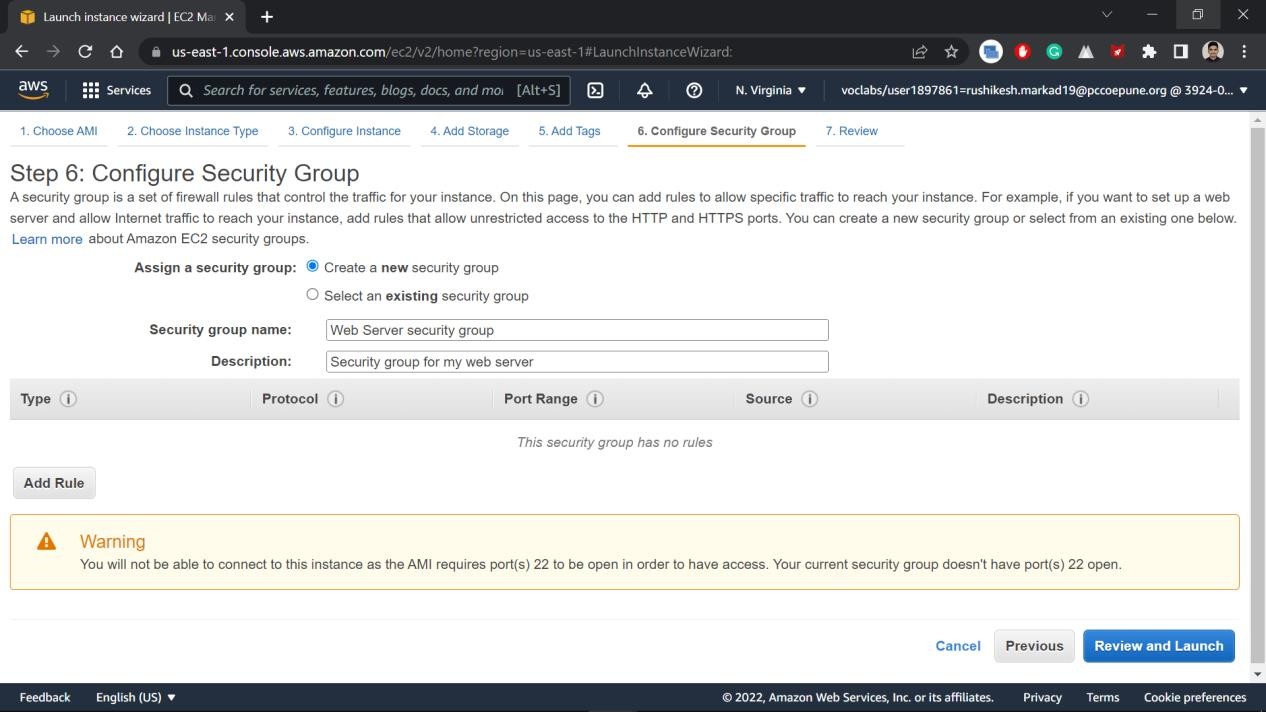
**Assignment No. 2**

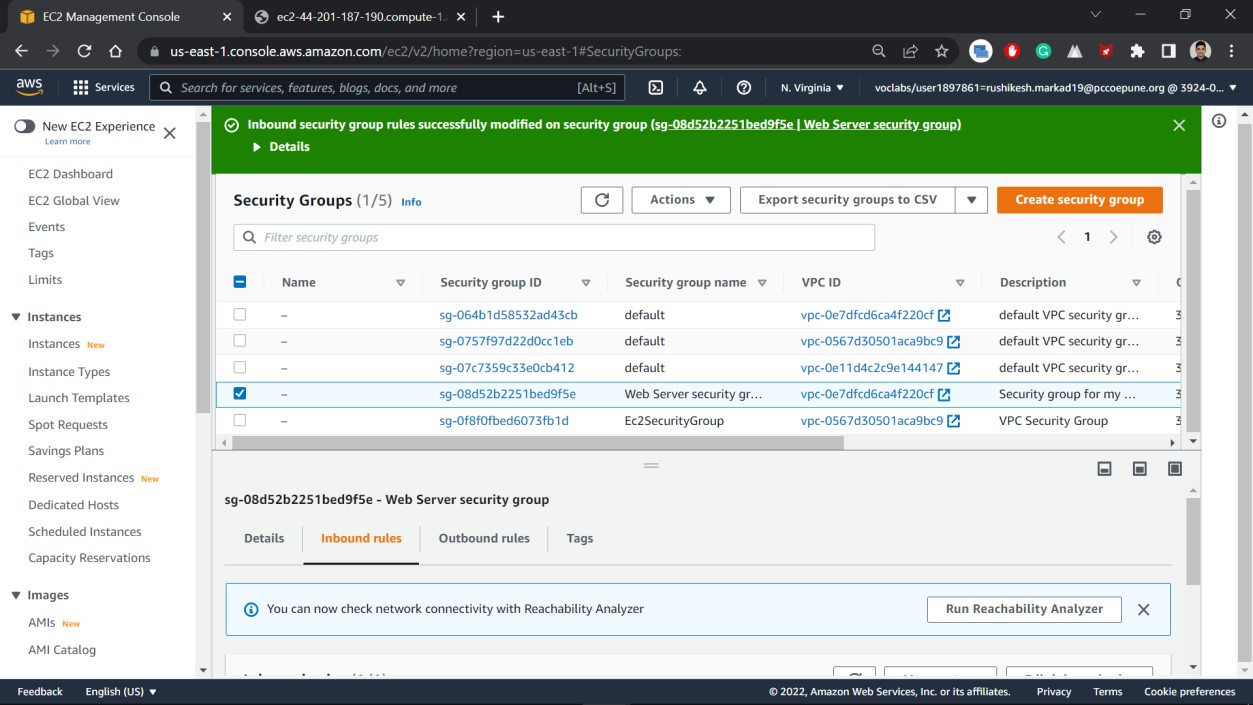
**Output:-**

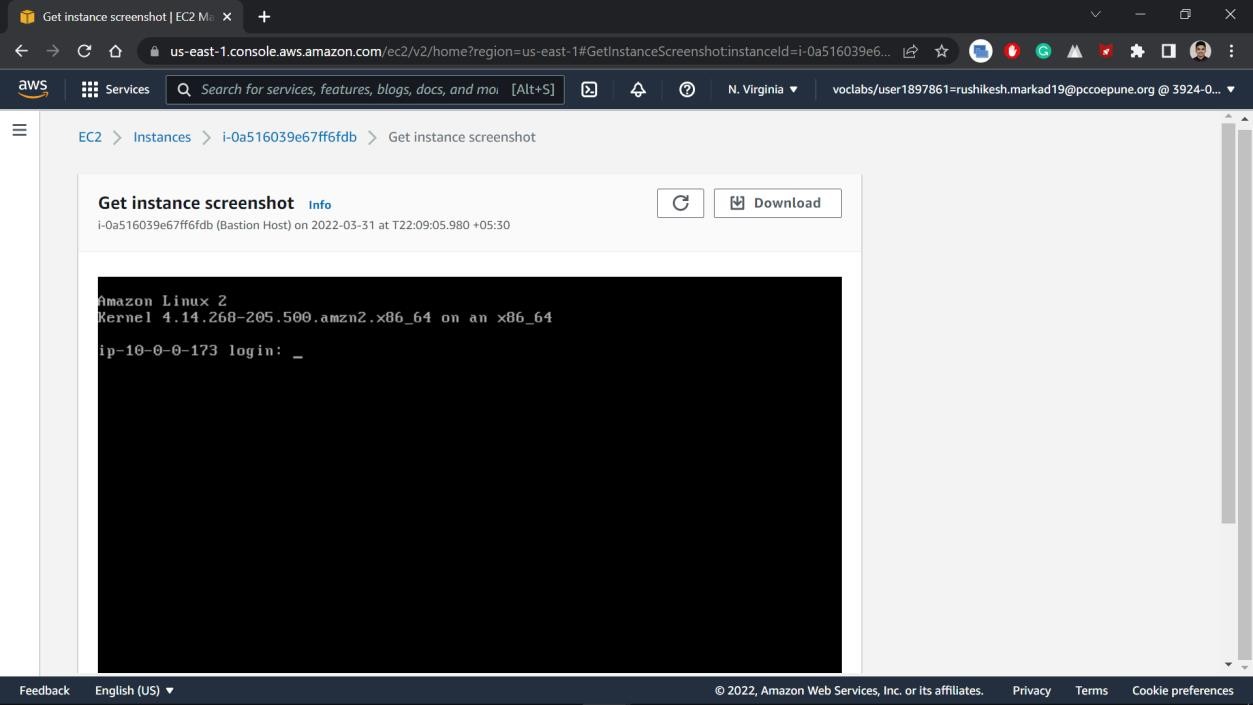


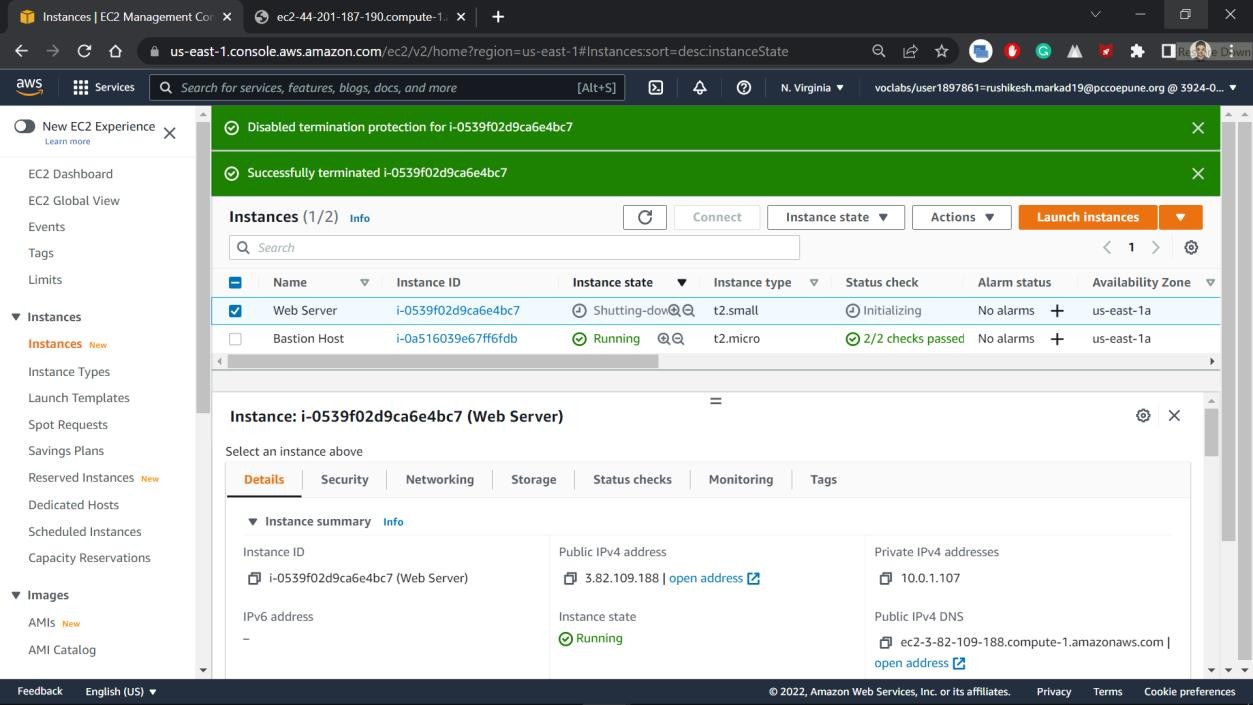


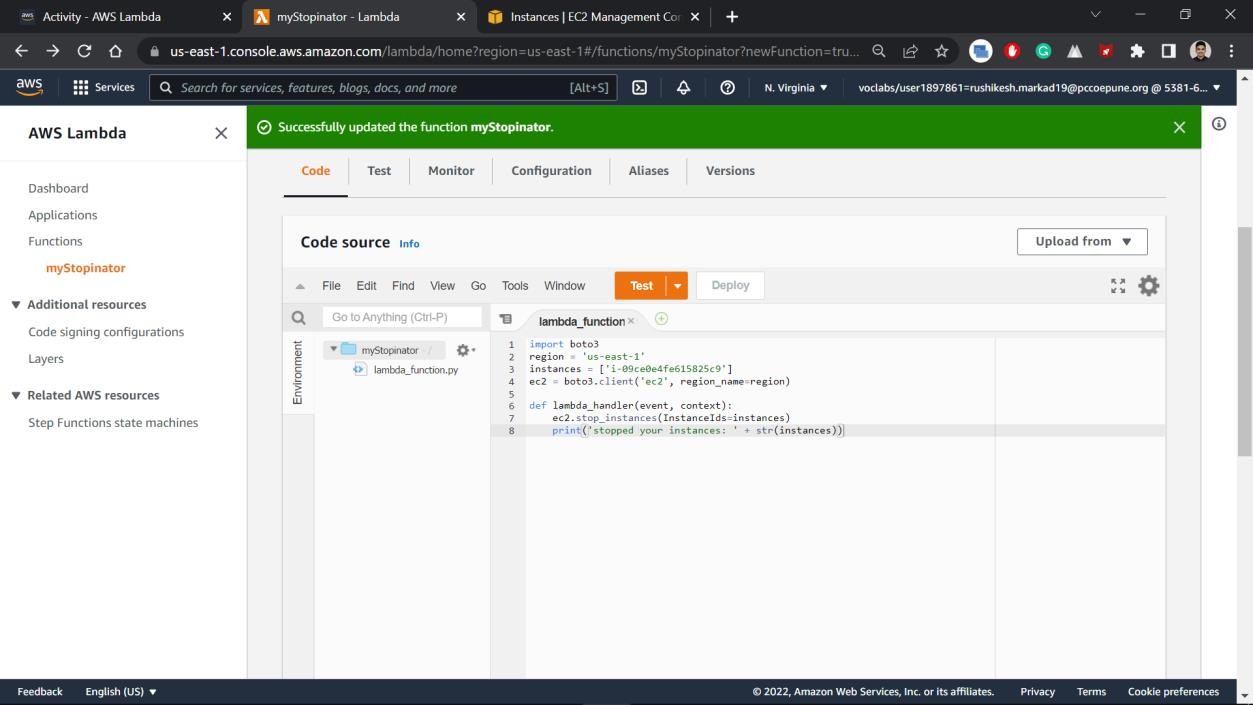












**Assignment 5**

**Code and Output:-**

