Assigment

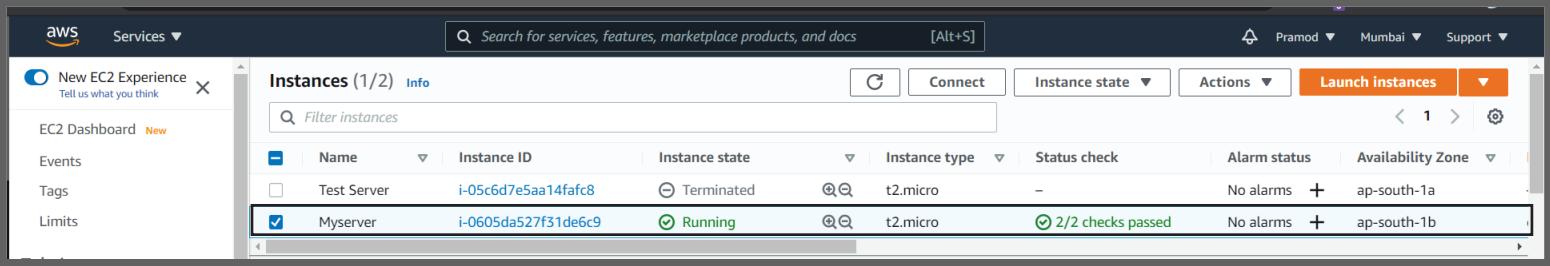

FIG:My Instance

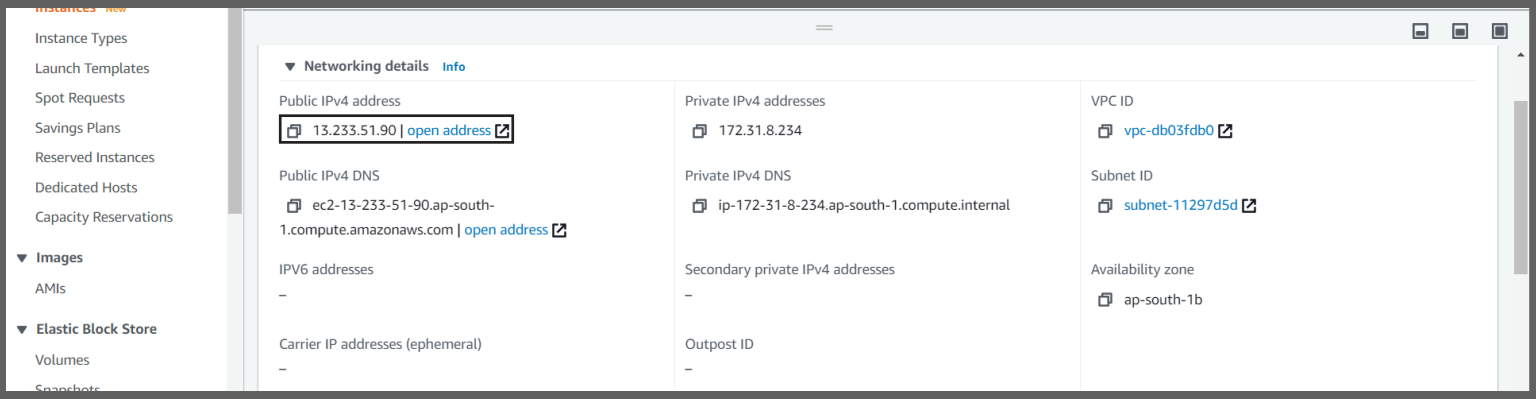

FIG:Public I.P

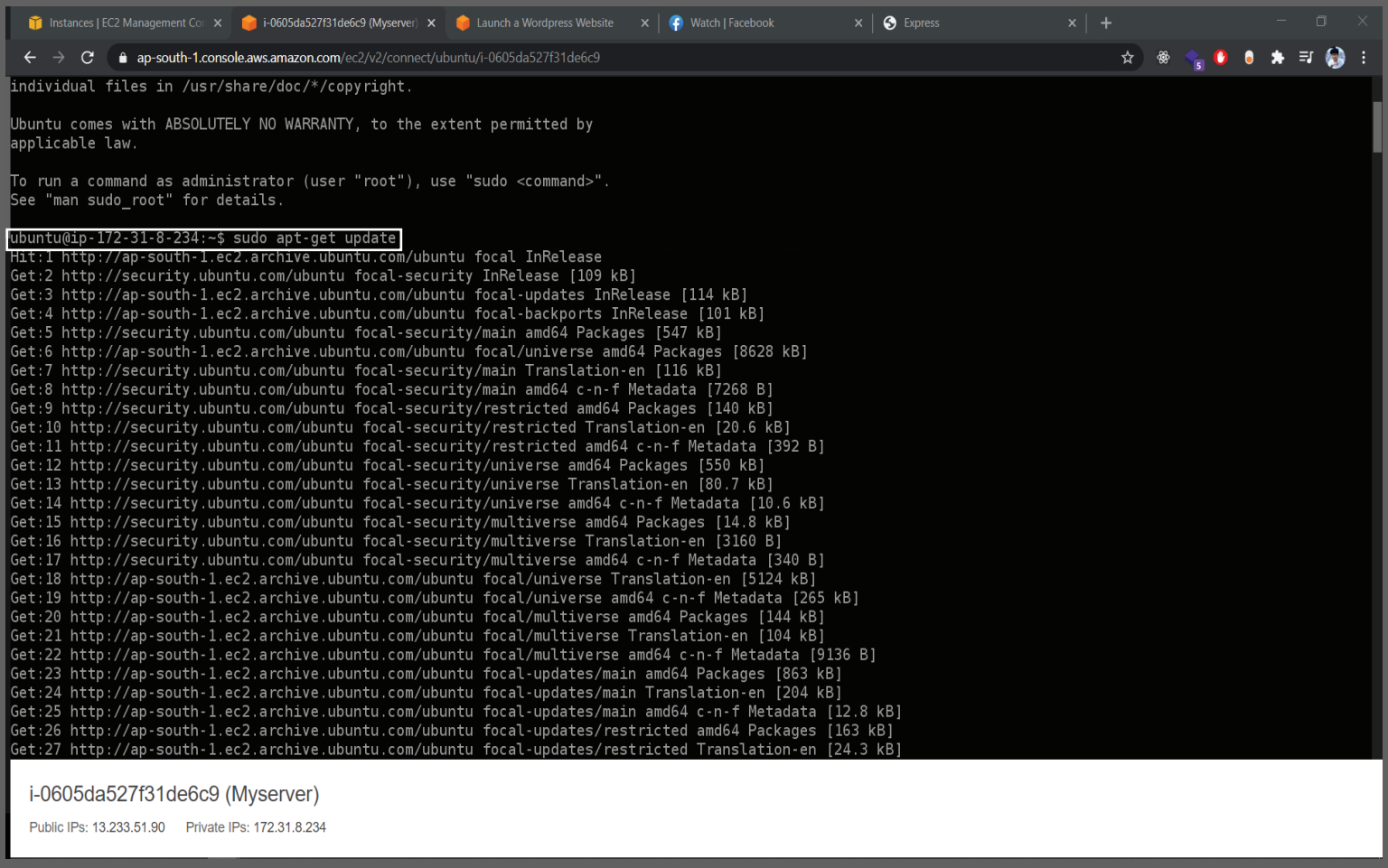

FIG:OS- Update

```
ubuntu@ip-172-31-8-234:~$ sudo apt-get install nodejs
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libc-ares2 libnode64 nodejs-doc
Suggested packages:
  npm
The following NEW packages will be installed:
  libc-ares2 libnode64 nodejs nodejs-doc
0 upgraded, 4 newly installed, 0 to remove and 26 not upgraded.
Need to get 6807 kB of archives.
After this operation, 30.7 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu focal/main amd64 libc-ares2 amd64 1.15.0-1build1 [37.8 kB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 libnode64 amd64 10.19.0~dfsg-3ubuntu1 [5765 kB]
```

i-0605da527f31de6c9 (Myserver)

Public IPs: 13.233.51.90 Private IPs: 172.31.8.234

FIG:Server Installation

```
   create : public/
   create : public/javascripts/
   create : public/images/
   create : public/stylesheets/
   create : public/stylesheets/style.css
   create : routes/
   create : routes/index.js
   create : routes/users.js
   create : public/index.html
   create : app.js
   create : package.json
   create : bin/
   create : bin/www

   install dependencies:
     $ npm install

   run the app:
     $ DEBUG=firstproject:* npm start

ubuntu@ip-172-31-8-234:/home/project/firstProject$ sudo npm install
added 5 packages from 4 contributors, removed 43 packages, updated 14 packages and audited 53 packages in 2.475s
found 0 vulnerabilities

ubuntu@ip-172-31-8-234:/home/project/firstProject$ DEBUG=firstproject:* npm start

> firstproject@0.0.0 start /home/project/firstProject
> node ./bin/www

  firstproject:server Listening on port 3000 +0ms
GET / 200 6.905 ms - 176
GET /stylesheets/style.css 200 1.166 ms - 111
GET /favicon.ico 404 2.209 ms - 150
```

i-0605da527f31de6c9 (Myserver)

Public IPs: 13.233.51.90 Private IPs: 172.31.8.234

Fig:Starting Server at Port 3000

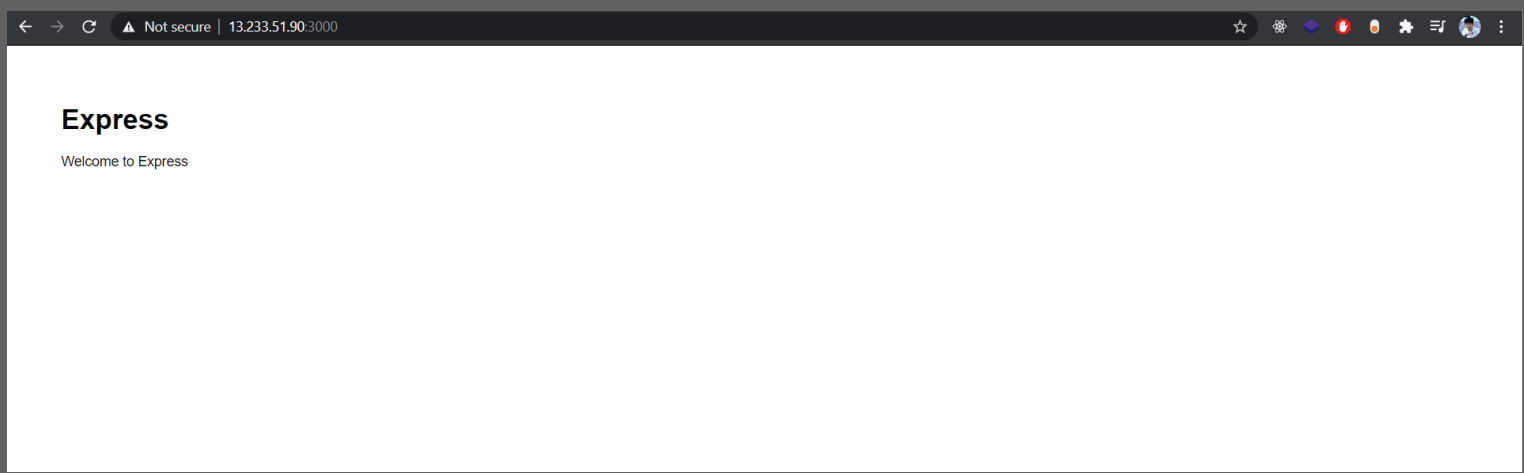

FIG:WebPage Output