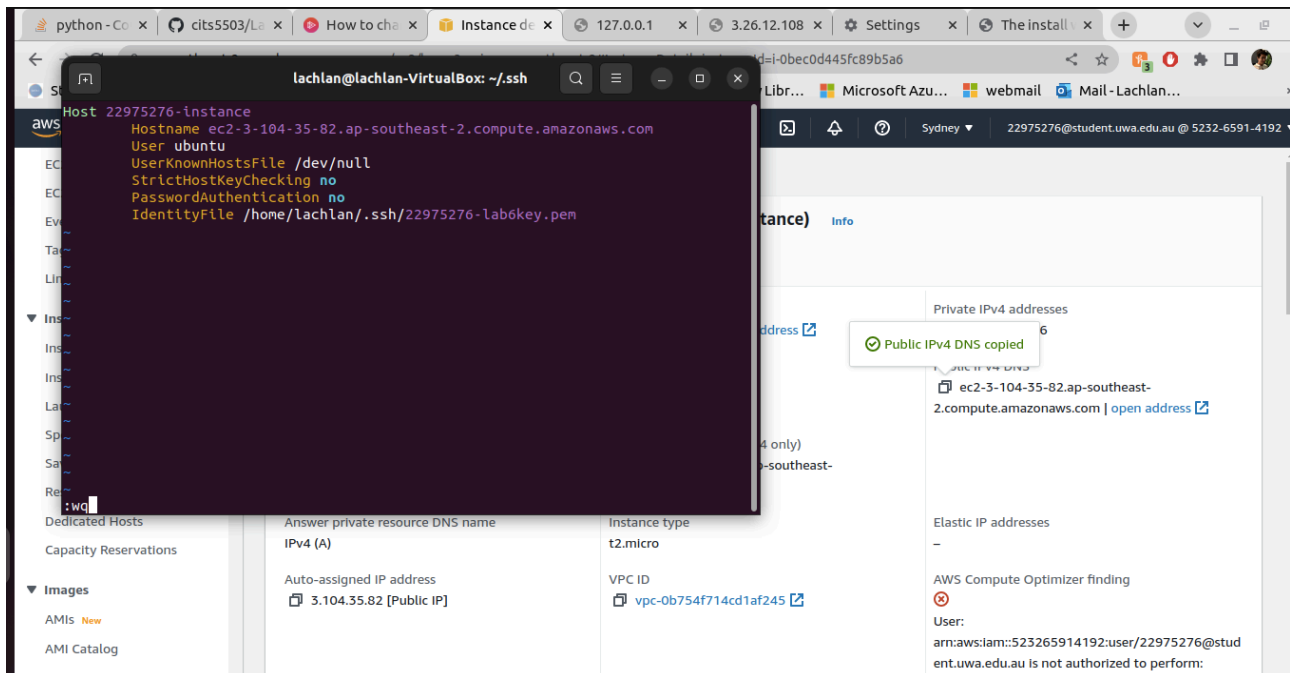
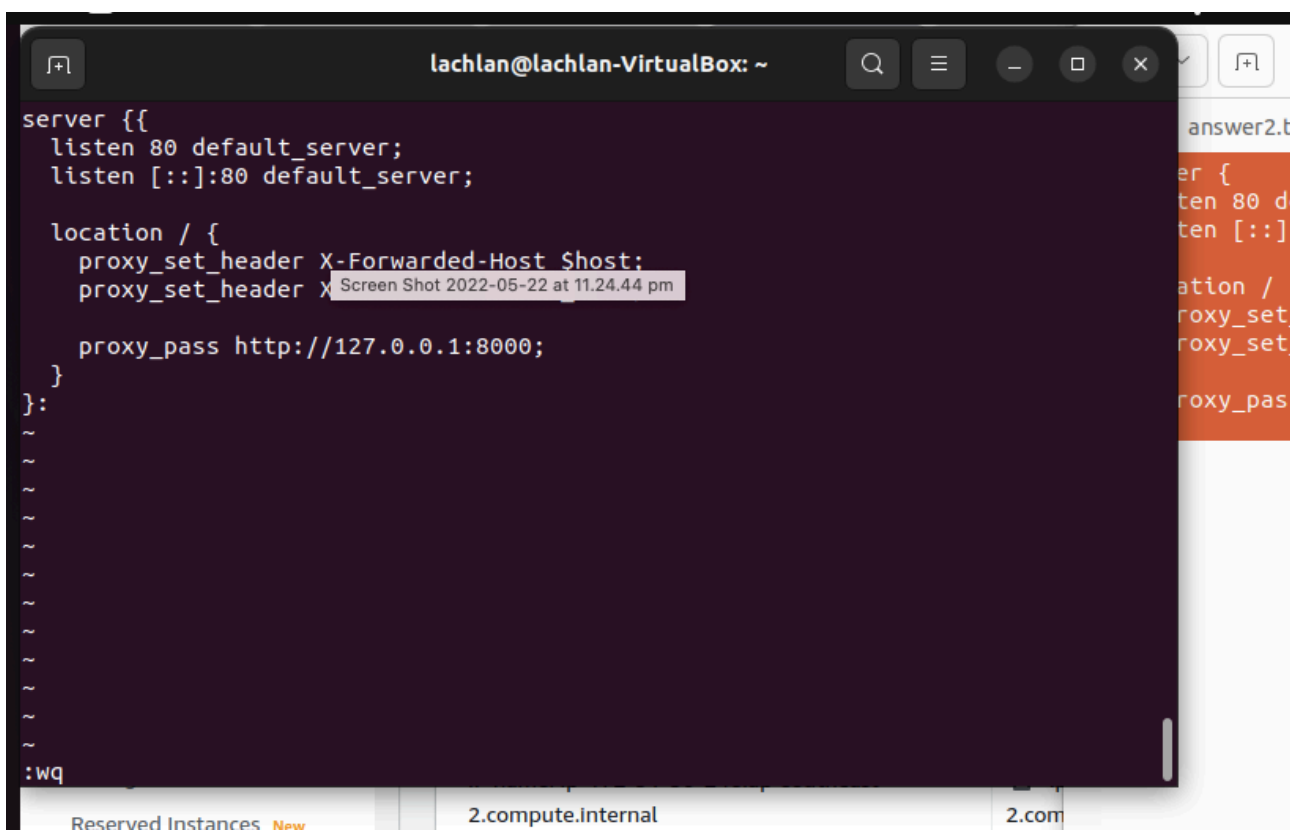


1. First I create a file in .ssh using vim and enter the below text using the public dns address for my instance.



```
lachlan@lachlan-VirtualBox:~$ cd .ssh
lachlan@lachlan-VirtualBox:~/.ssh$ vim config
lachlan@lachlan-VirtualBox:~/.ssh$ cd
lachlan@lachlan-VirtualBox:~$ python3 answer.py
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease
```

2. Then I run my python file using python3 answer.py, the only real input needed besides responding with Yes to the prompts is to copy and paste the following code into a file called default.new. After doing this the contents of the file are copied into the actual default file using the cp command.

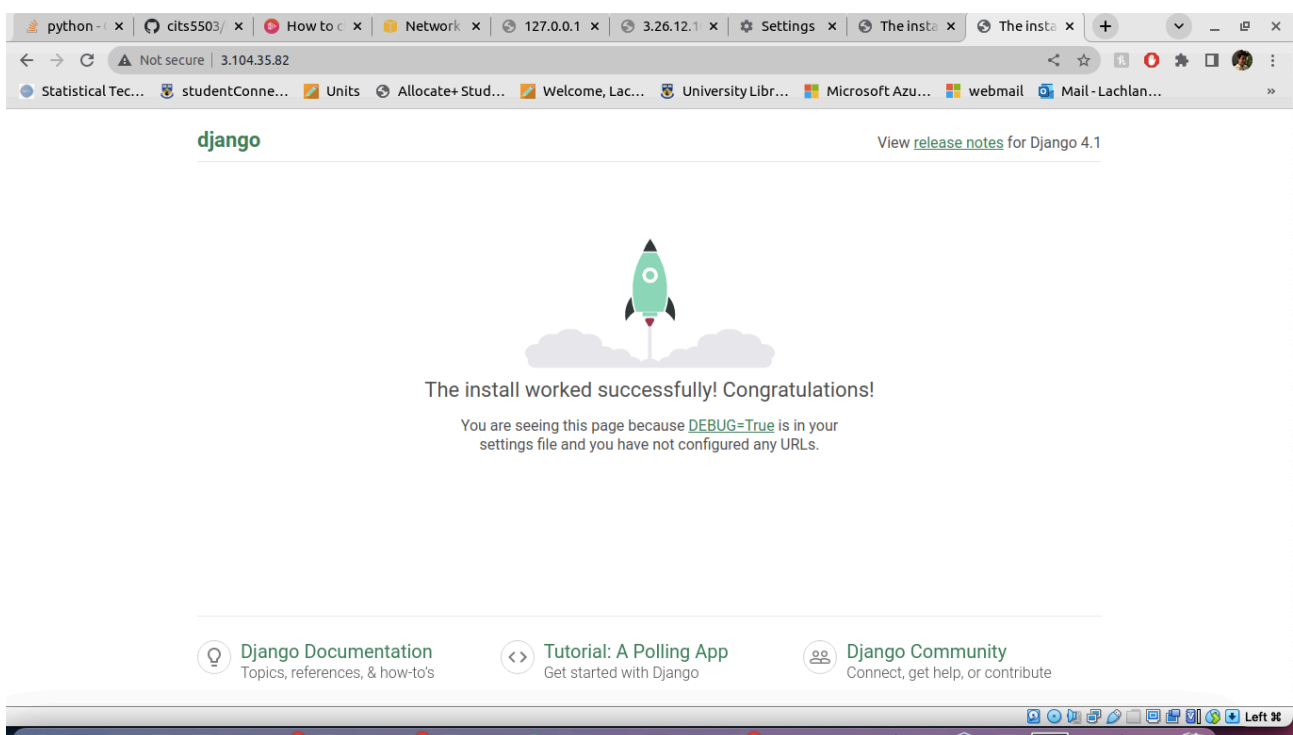


```
:wq
"defaultnew" [New] 11L, 222B written
Watching for file changes with StatReloader
Performing system checks...

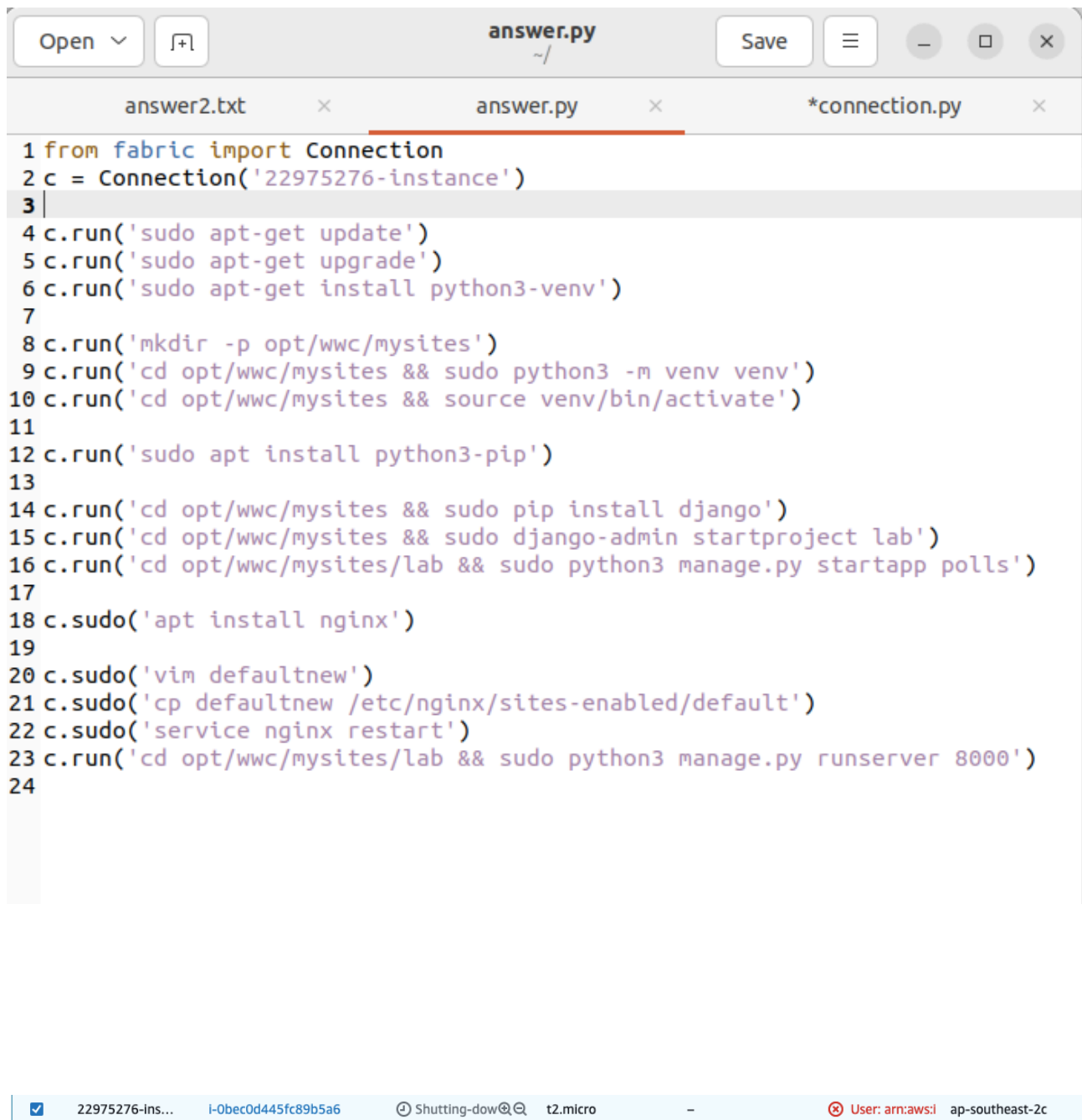
System check identified no issues (0 silenced).

You have 18 unapplied migration(s). Your project may not work properly until you
apply the migrations for app(s): admin, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.
October 02, 2022 - 08:42:30
Django version 4.1.1, using settings 'lab.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.
```

The server appears to be running and was launched using the link below.



All the code that was run.



```
1 from fabric import Connection
2 c = Connection('22975276-instance')
3
4 c.run('sudo apt-get update')
5 c.run('sudo apt-get upgrade')
6 c.run('sudo apt-get install python3-venv')
7
8 c.run('mkdir -p opt/wwc/mysites')
9 c.run('cd opt/wwc/mysites && sudo python3 -m venv venv')
10 c.run('cd opt/wwc/mysites && source venv/bin/activate')
11
12 c.run('sudo apt install python3-pip')
13
14 c.run('cd opt/wwc/mysites && sudo pip install django')
15 c.run('cd opt/wwc/mysites && sudo django-admin startproject lab')
16 c.run('cd opt/wwc/mysites/lab && sudo python3 manage.py startapp polls')
17
18 c.sudo('apt install nginx')
19
20 c.sudo('vim defaultnew')
21 c.sudo('cp defaultnew /etc/nginx/sites-enabled/default')
22 c.sudo('service nginx restart')
23 c.run('cd opt/wwc/mysites/lab && sudo python3 manage.py runserver 8000')
24
```

Finally I terminated my instance.