## GCP:

- 1. Using GC I created a virtual machine.
- 2. I added all the necessary options to have the cheapest VM.
- 3. Checked off 'HTTP' and 'HTTPS' to add Firewall rules and allow specific network traffic from the internet.
- 4. I used NameCheap to create my personal Domain and linked the external IP to the domain.

#### VSC:

1. I cloned my github repo into VSC and tried running the Flask code set.

#### SSH:

- 1. When trying to clone my github repo into this environment I ran into trouble multiple times
- 2. I was not running into any errors but the domain would not work after multiple attempts.

#### GitHub:

- 1. I decided to check to see if the repo had updated from VSC and realized it had not.
- 2. I decided to rerun my steps and restart from the beginning.

## VSC:

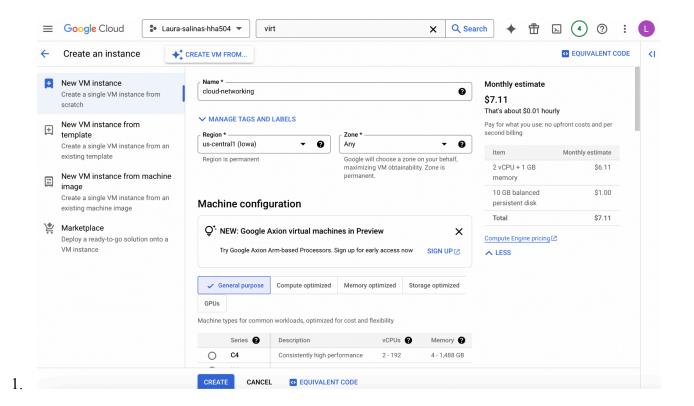
- 1. In checking my steps in VSC I realized I never implemented a virtual environment to run Flask.
- 2. Once I did this I repeated my steps.

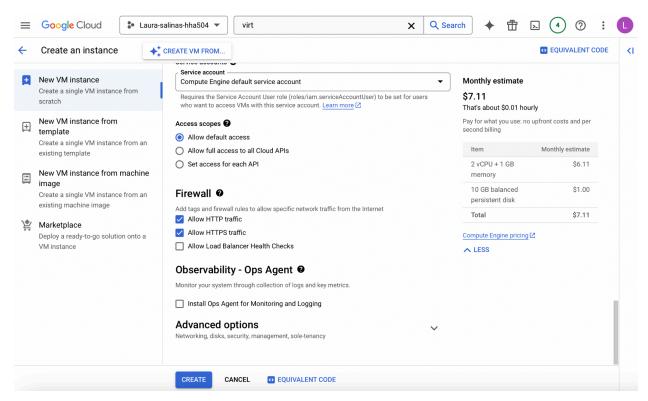
## GCP:

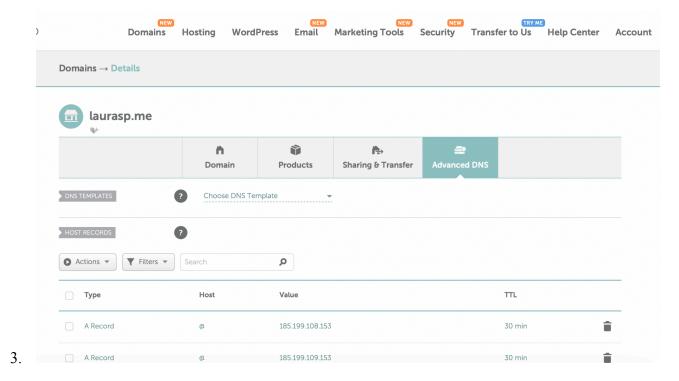
1. At this point everything ran smoothly until I realized I had not set up firewall rules for ports 80, and 443.

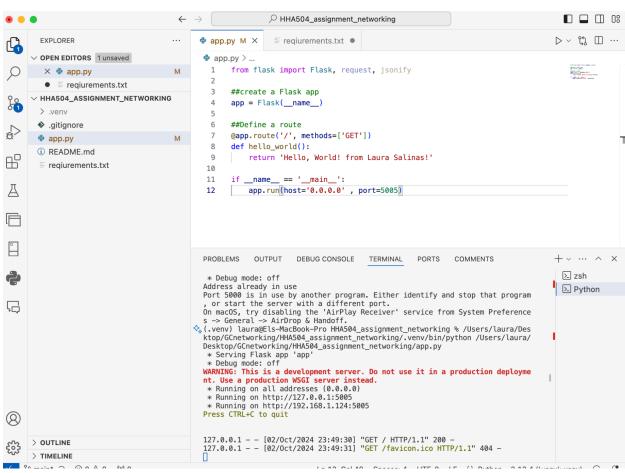
## SSH:

1. Once these rules were in place I retested the domain and everything ran smoothly.

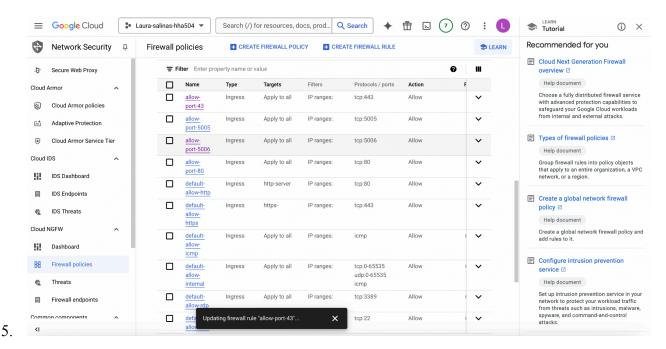


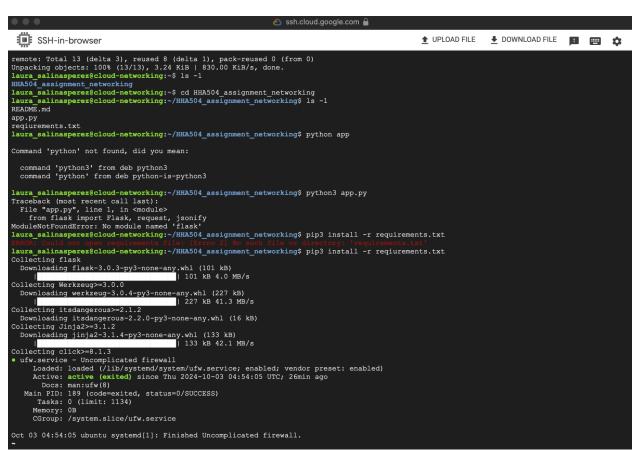






4.





```
ssh.cloud.google.com 

UPLOAD FILE

DOWNLOAD FILE

DOWNLOAD FILE

Laura_salinaspersectoud-networking:-/HHA504_assignment_networking$ sudo ufw allow 5006
Rules updated
Rules updated (v6)
Rules updated (v6)
Rules updated (v6)
Rules updated (v7)
Rules updated (v7)
Rules updated (v8)
Rules updated (v8
```

7.



Hello, World! from Laura Salinas!

# AZURE:

I was not able to deploy a VM on Azure due to cost restrictions.