CMPE 281 Cloud Technologies
Lab 2 Assignment Report

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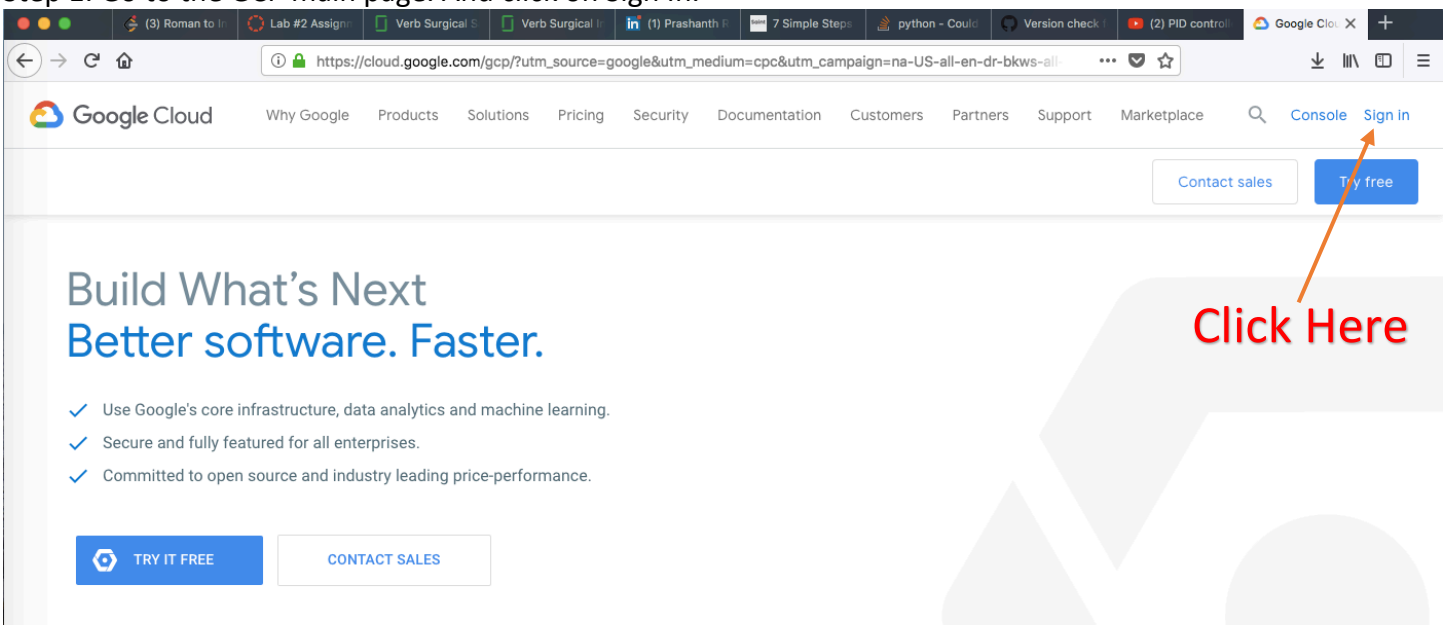
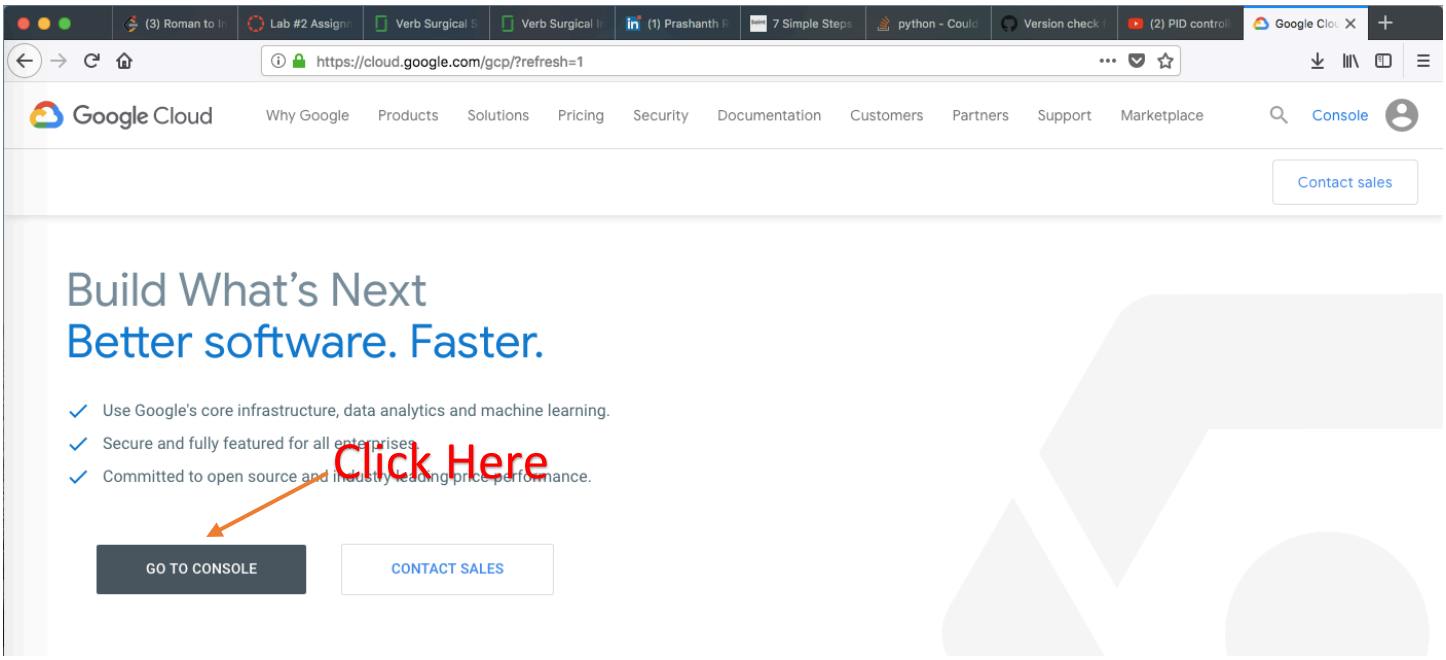
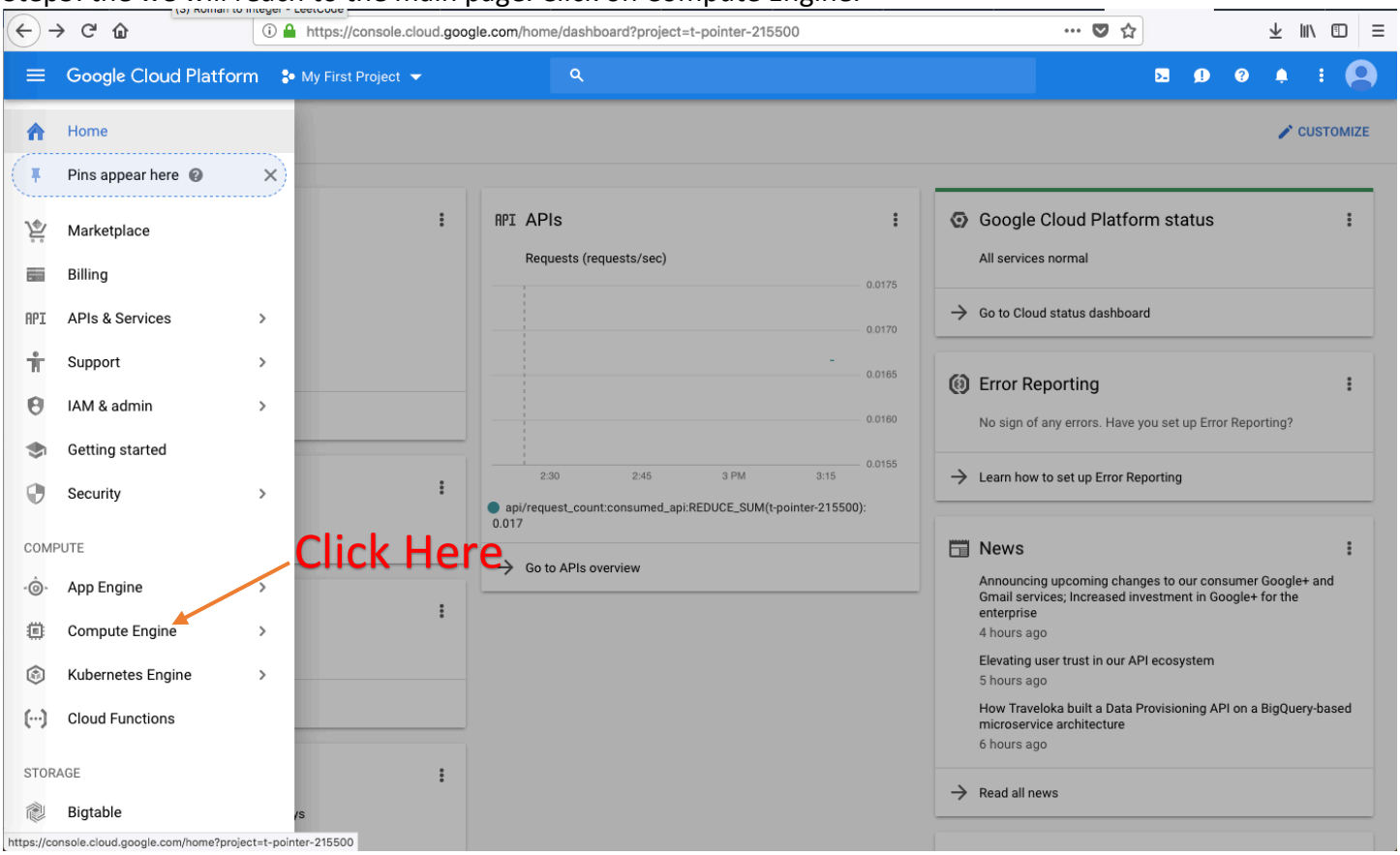
Step 1: Go to the GCP main page. And click on Sign In.



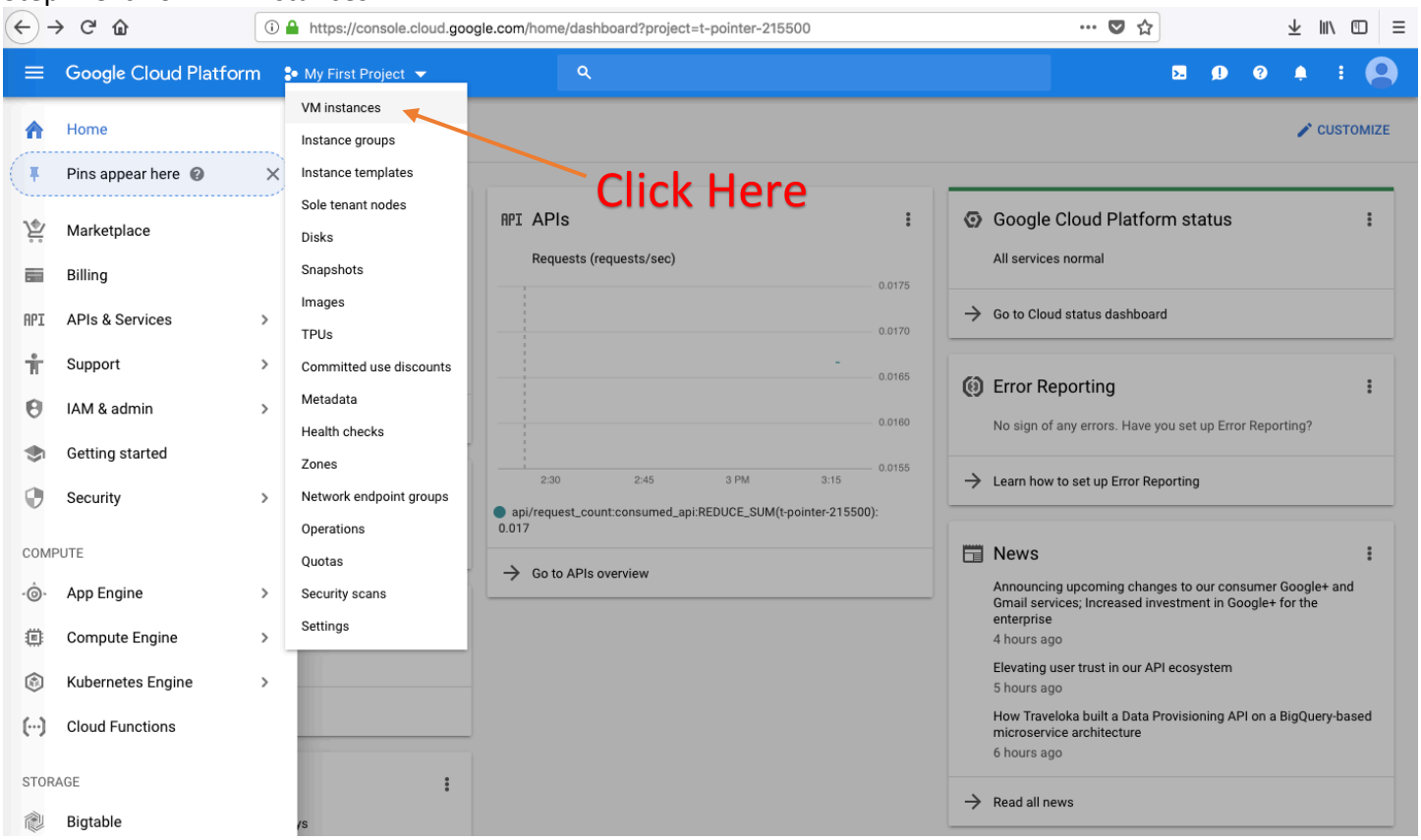
Step 2: Enter your credentials and you reach to the below page.
Click on GO TO CONSOLE.



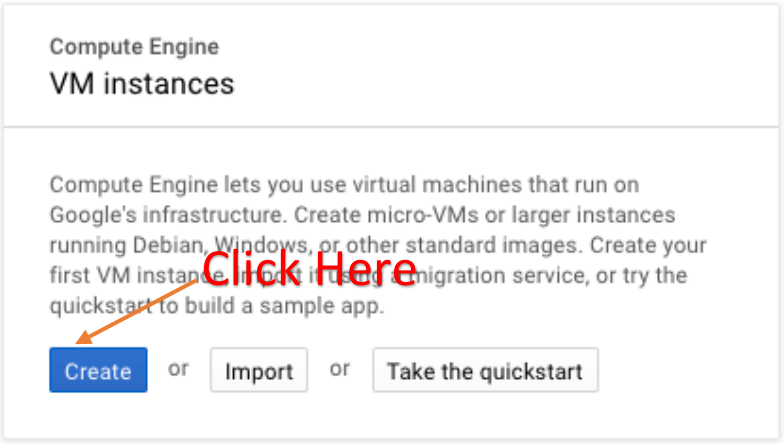
Step3: the we will reach to the main page. Click on Compute Engine.



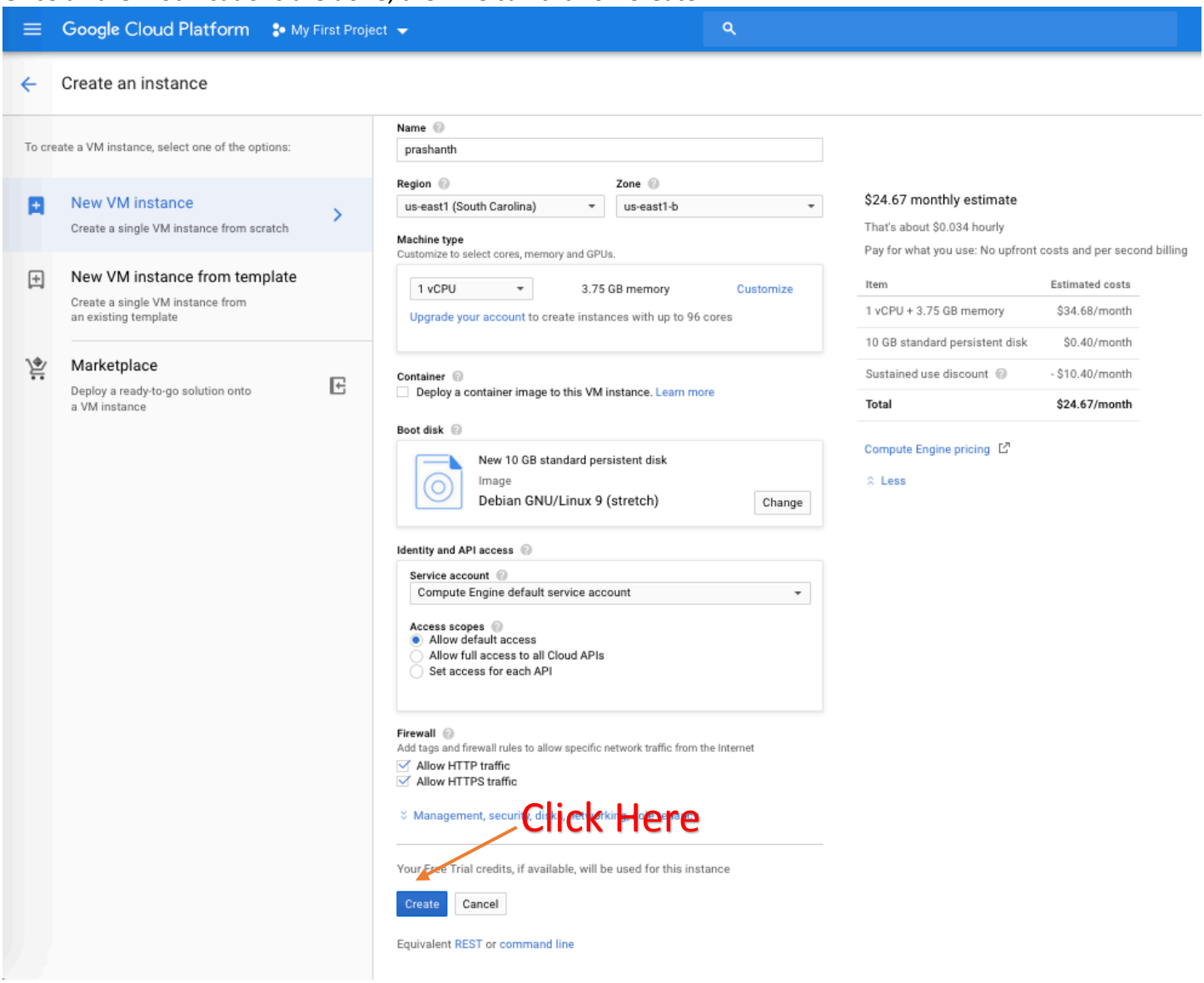
Step4: Click on VM Instances.



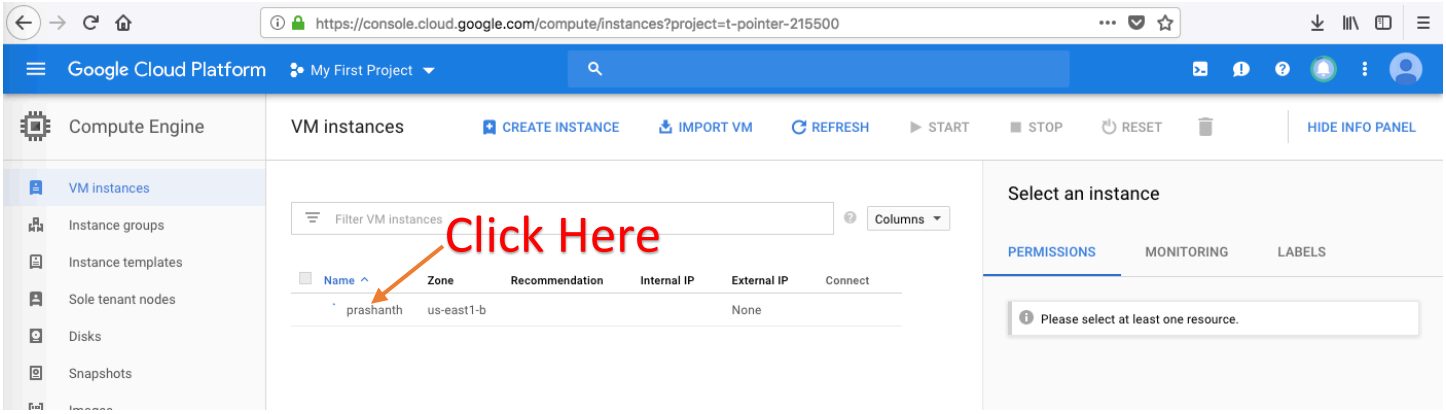
Step5: Click on Create



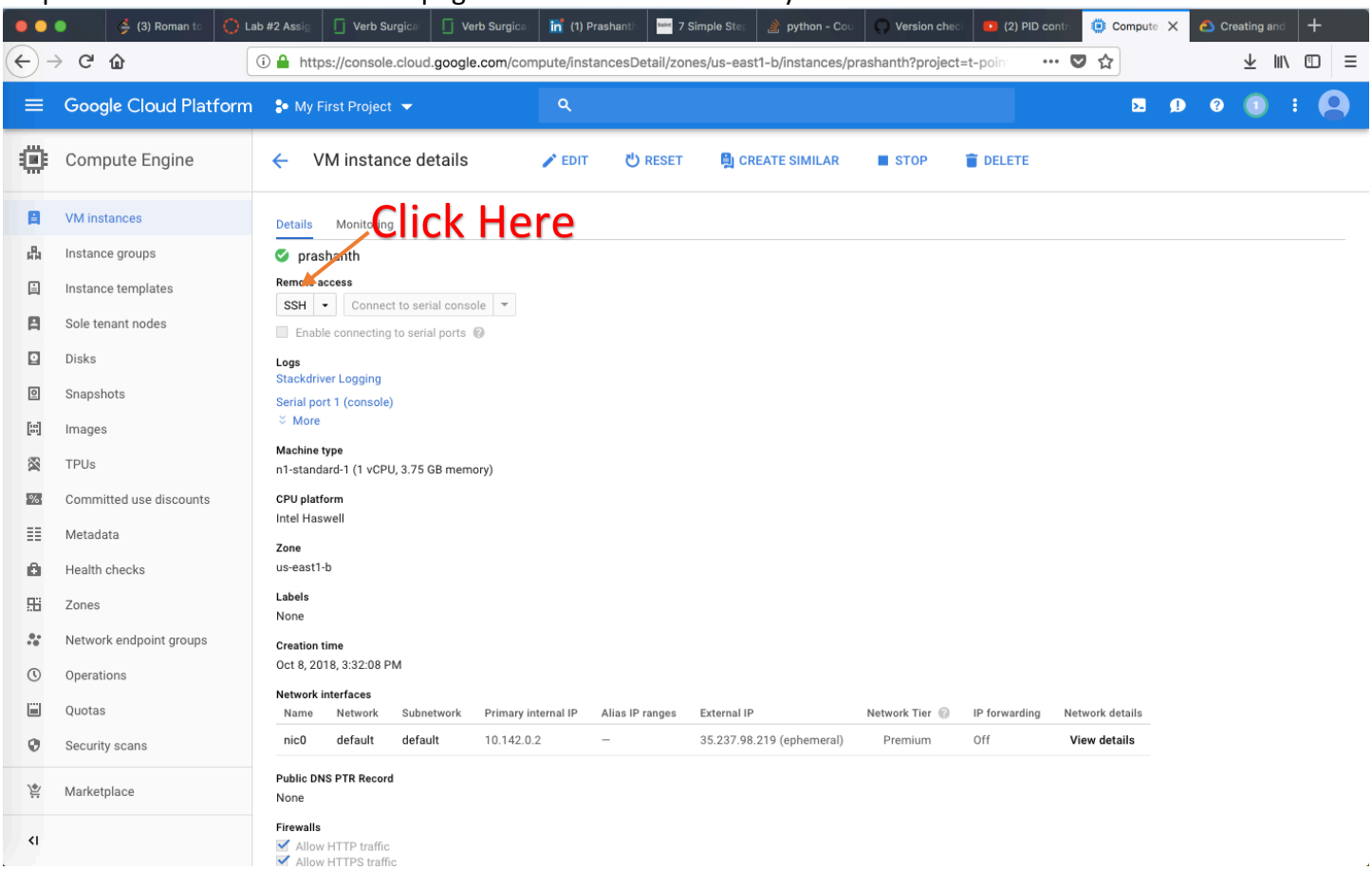
Step6: Give a name to the instance, select the Memory and CPU configuration, choose the OS which you need to install. Monthly expenses are listed at the right side of your page. We can even modify the Firewall settings. Once all the modifications are done, then we can click on Create.



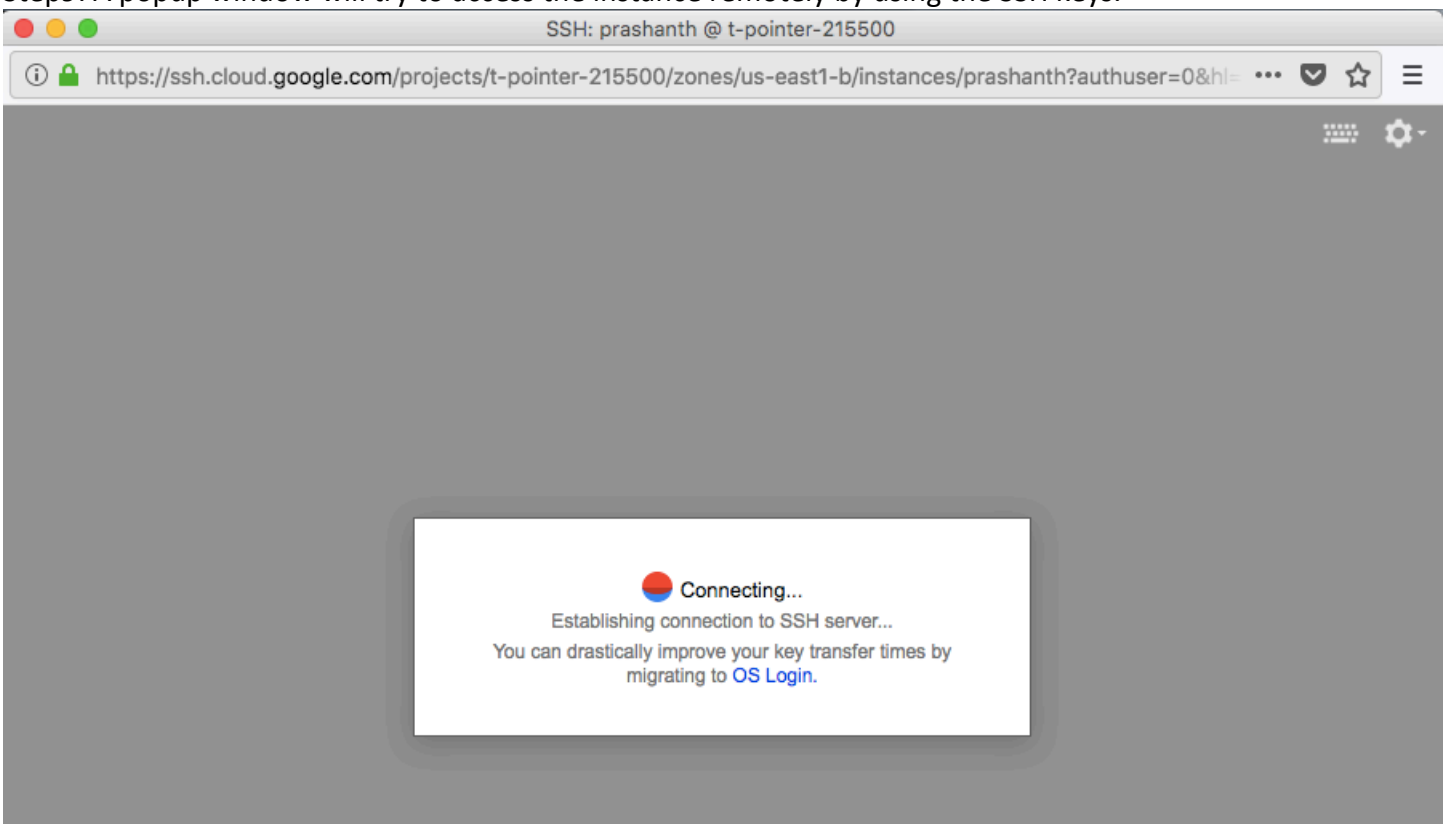
Step7: It will take some time to Create the instance. And then click on the instance name.



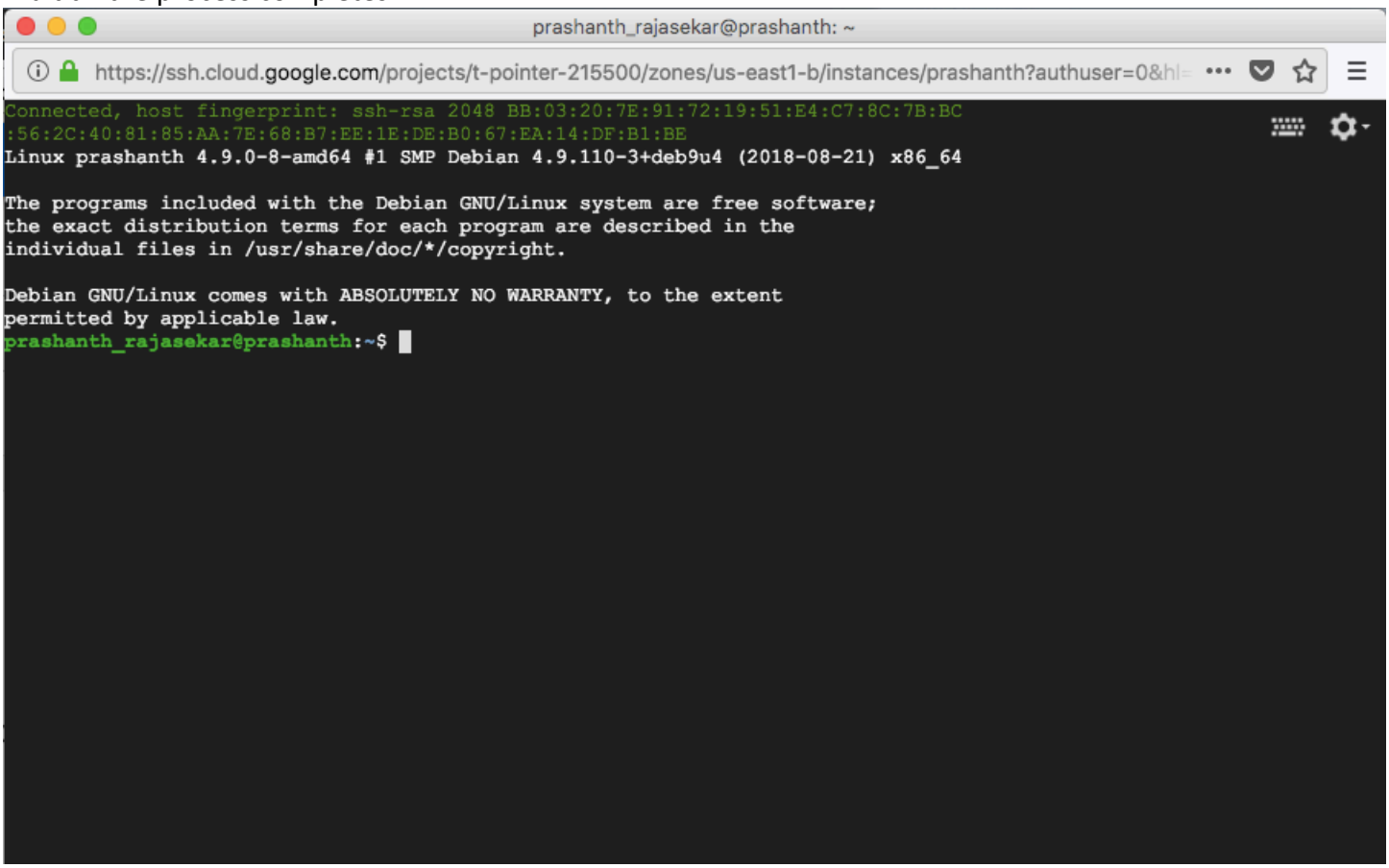
Step8: we will reach to the below page. Click on SSH to remotely access the instance.



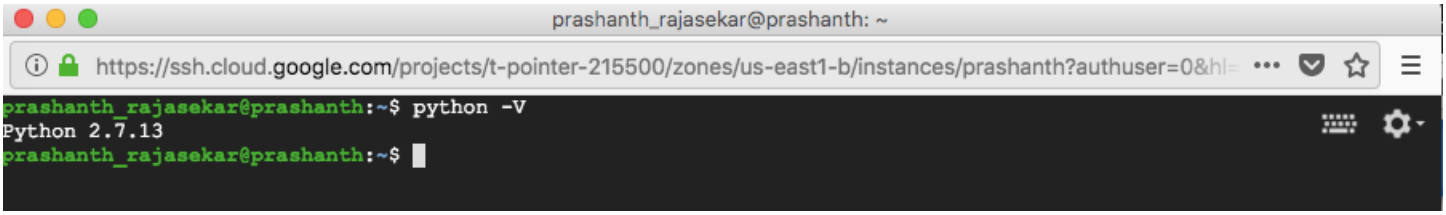
Step9: A popup window will try to access the instance remotely by using the SSH keys.



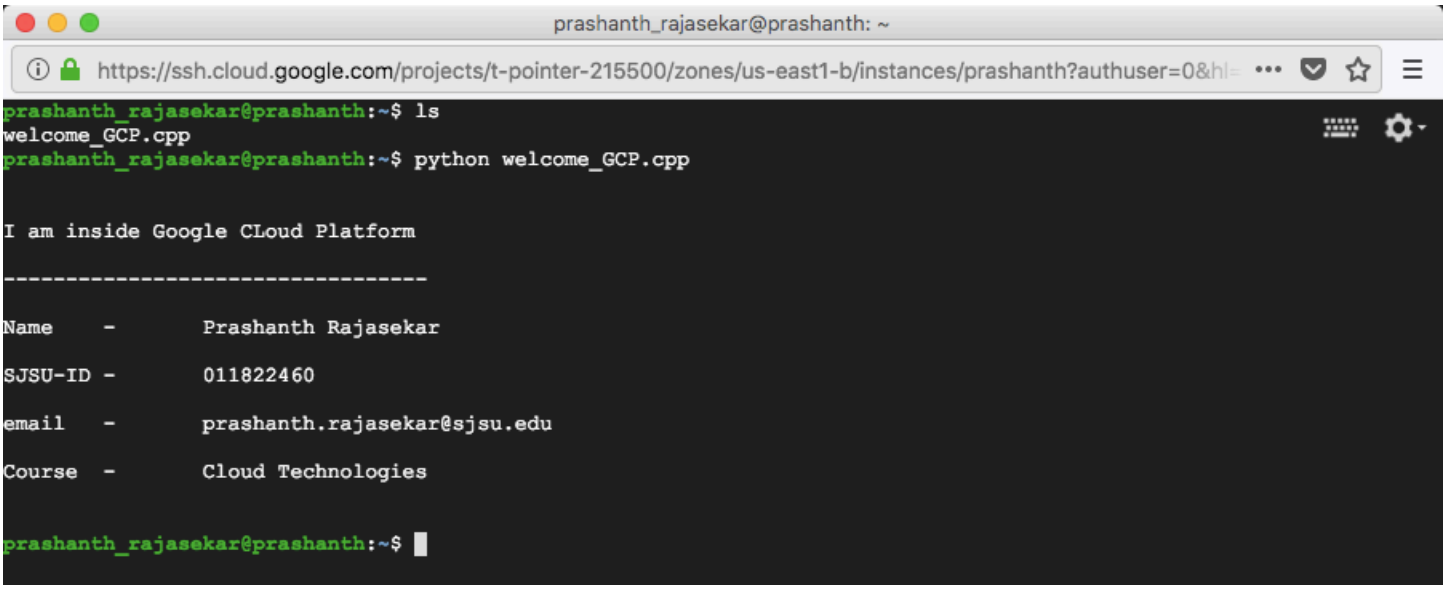
Wait till the process completes.



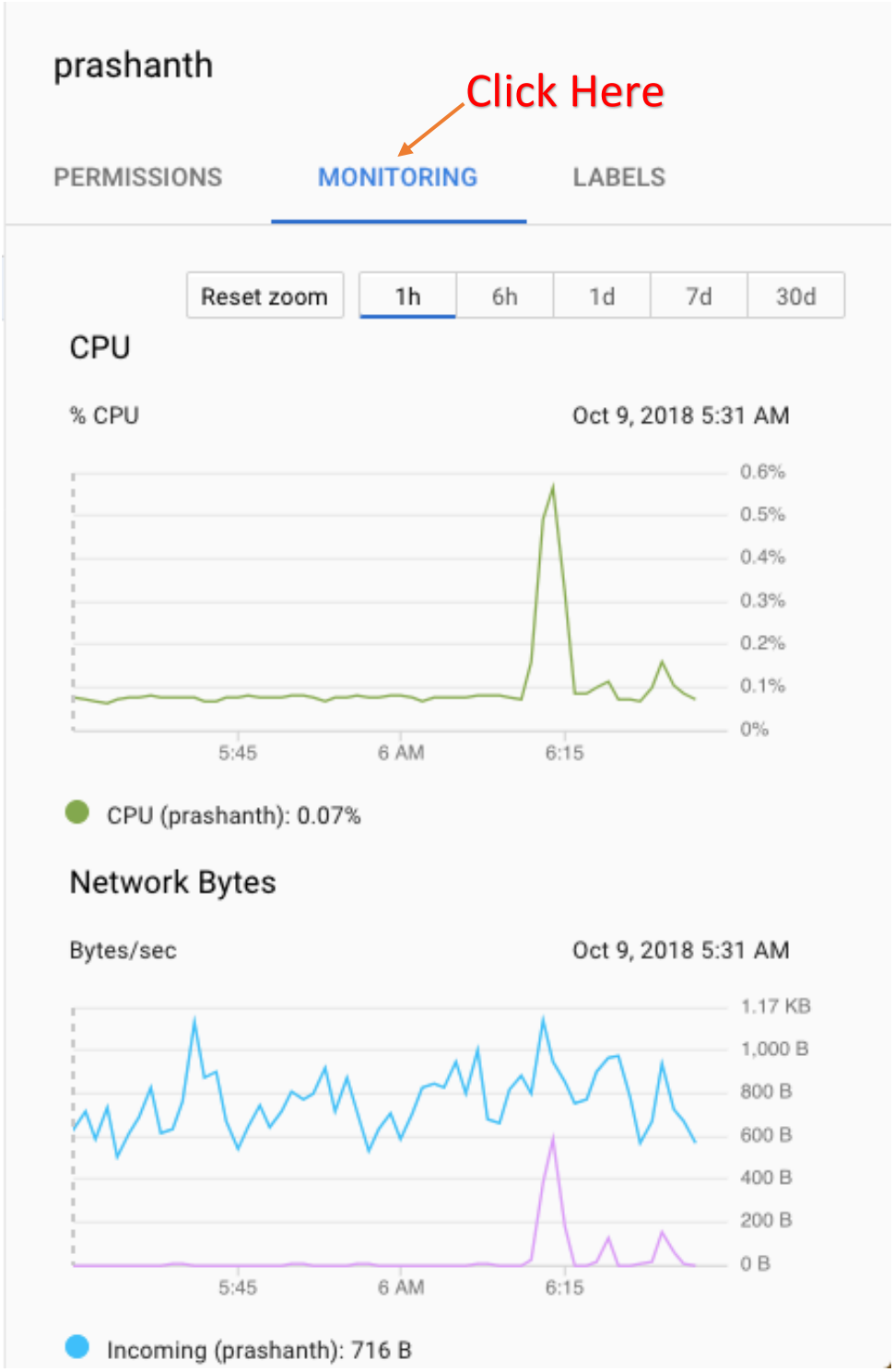
Step10: Lets install essential software to run a simple python application.



Step11: A python application has been created and was me to run in the Google Cloud.

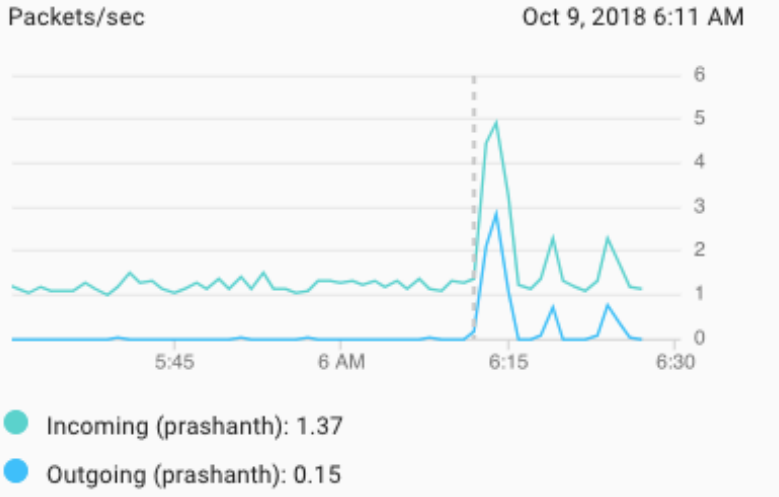


Step12: Monitoring the performance and resource utilization of the instance.



Outgoing (prashanth): 25 B

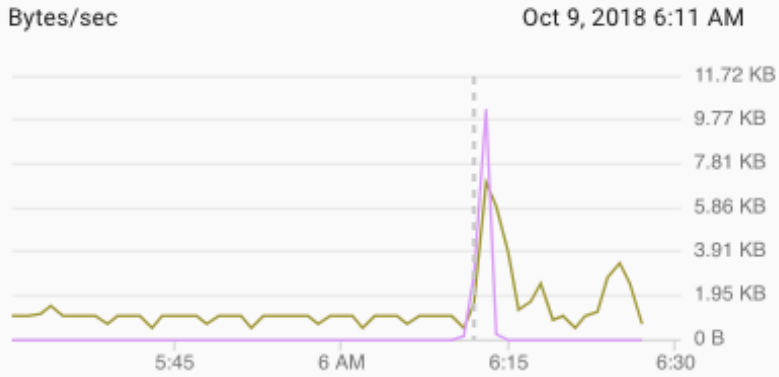
Network Packets



Incoming (prashanth): 1.37

Outgoing (prashanth): 0.15

Disk I/O (bytes)



Read (prashanth): 2.87 KB

Write (prashanth): 1.54 KB

Disk I/O (operations)

Read (prashanth): 0

Write (prashanth): 0.15

THANK YOU