**Summary:**

To solve the exercise in step 6, I applied the same fundamentals that I acquired in step 5. Since I used the python3 --version command to notice which version of python3 I had installed in exercise 5, I decided to just refrain from repeating that process. Since exercise 6 is much like exercise 5, I realized it would use the same code. I first created a new python file and named the file “gcelab4.py.” After my file was created, I then went to the  [Method: instances.start](https://cloud.google.com/compute/docs/reference/rest/v1/instances/start) page to copy the code from out of the “Examples” section to my python file. I copied (Ctrl+C) and paste (Ctrl+V) the code I wrote for exercise 5 in the last #TODO section after deleting the pprint(response). To solve exercise 5 and 6 I knew that I needed to use some strings, methods or functions to get the output. So, I did some research on how to utilize Python strings, dictionary methods, and functions from [w3schools.com](https://www.w3schools.com/python/). When I created my first program, I used the Linux ls command to see if my gcelab3.py and gcelab2.py programs we’re in my home directory.

There are several ways that I could’ve written this program, so I decided to use the simplest way, other than using many methods. I was aware that most of the code is already written from copying it from the website. The code controls the VM instance, and the response dictionary holds all the elements. I just needed to access the response[‘user’]; response[‘operationType’] and the response[‘startTime’] , which are all separate elements in the response dictionary. I notice from looking at the output that I needed a way to either split the time and date for response[‘startTime’], or at least figure out a way to eliminate characters from the line. So, that’s when I found out slice() would be the perfect function to do this.

The slice() function returns a slice object. A slice object is used to specify how to slice a sequence. You can specify where to start the slicing, and where to end. You can also specify the step, which allows you to e.g. slice only every other item. I had to make two strings for response[‘startTime’), due to having to print the date on one line and the time on another. For the date, I used variable (x) to represent the slice(10) characters (from the end) from the object and for the time, I used variable (a) to represent the slice(11,29) characters(from the start) from the object, to get a clean output of the time and date. There’s a total of 29 characters, when slicing from the front you need the total amount of character that you have and the number of characters your slicing from the front. After aligning all my elements I then used the print command to print out the following items on a separate line and the \n to skip a line. Then I ran my program by entering python3 gcelab4.py to get the same output that was ask of us.