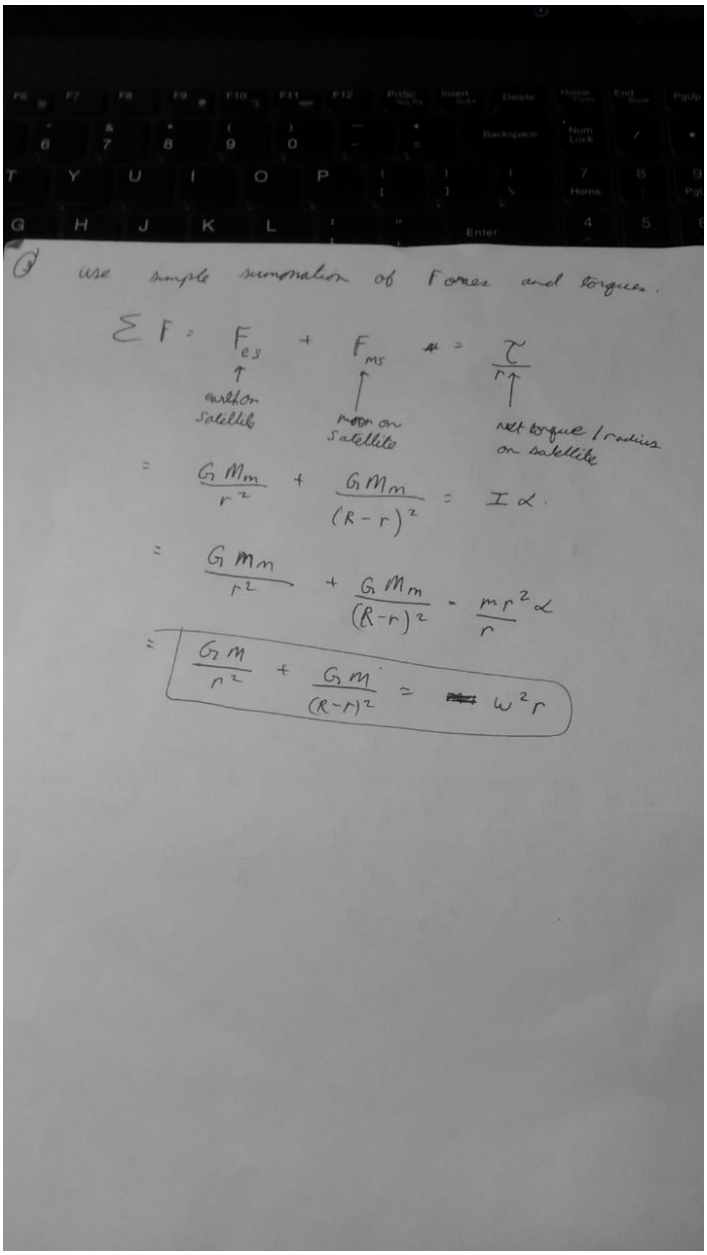
Problem 3:

A)



Above is the derivation for the formula provided.

B)

```
C:\Users\lab\Dropbox\Computational Physics\Computational-Physics-Python\Jinesh_H
W4>python -i Prob3.py
326045071.665
>>>
```

This is the value retrieved for the lagrange point between the moon and the earth.