BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI
I SEMESTER 2019-2020
Operating Systems (CS F372)
Assignment #1
Due date 04/09/2019 (Time: 23:59) weightage 4%

Instructions: Please upload your completed assignment to the corresponding link in photon.
This is an individual assignment.
The programming assignments will be graded according to the following criteria

1. *Completeness; does your program implement the whole assignment?*
2. *Correctness; does your program provide the right output?*
3. *Efficiency; have you chosen appropriate algorithms and data structures for the problem?*
4. *Programming style (including documentation and program organization); is the program well designed and easy to understand?*

Submit your assignment as <Your complete ID>.tar.gz file with following file

- User level files [All the newly created .c, .h and make files - you are expected to create a wrapper so that user need not remember the system call number and its arguments / return alignment]
- All the Kernel files you created / Modified.

NB: Late submission is STRICTLY NOT ALLOWED.
*If the assignment found to be copied/ group work, you will receive **-12** Marks.*

Question #1 **12 Marks**

Write a New system call in Kernel space which will add 2 floating point numbers and return the result to the user space.
Make sure both the floating point numbers are Valid Positive Numbers.
Make sure the result is a Valid Positive floating point number.