1. Write a C program that calculates Sum of Natural numbers.
2. python code that calculates Sum of Natural numbers
3. Create three C files that contents different arithmetic operations. Execute Multiple C program file on Linux.
4. Write a C program for simple Calculator. Execute on Linux Ubuntu distribution.
5. Create and execute shell script of all arithmetic (addition, subtraction, division and multiplication) operations
6. Create and execute shell script of loops.
7. Create shell script of Conditional statements and switch case in Linux and execute
8. Create a user “eln” and give credentials and add it in group “finalyear” and delete it.
9. Create and execute using python of conditional statement and loop operations, execute multiple files
10. Create and execute a single python file of arithmetic operation in Linux. Create another python file and execute both files using shell script
11. Create 3 different C files and execute it in Linux. Execute the same three files using Makefile in Linux.
12. Write and execute Program for 2 tasks of LED Blinking with same delay of 5 clock-tick using uCOS-II, Kiel. Observe the waveforms using logic analyser.
13. Write and execute Program for 3 tasks of LED Blinking with different delay using uCOS-II, Kiel. Observe the waveforms using logic analyser.
14. Write and execute a Program of 2 tasks of sending data to UART without semaphore using uCOS-II, Kiel. Observe the output
15. Write and execute a Program of 2 tasks of sending data to UART with semaphore using uCOS-II, Kiel. Observe the output
16. Write and execute Program for inter-task communication using mailbox on uCOS-II, Kiel.