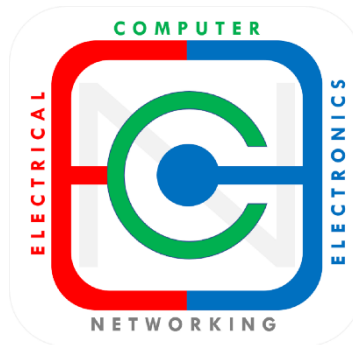# ECEN Academy

Chennai

C Problems –55

Instructions:

1. Do not discuss with any one while solving the problems.
2. Do not use internet while solving the problems.
3. Do not use books while solving the problems.
4. Do the problem in an easy way.

Question: **Write a Calculator program that will give the "Calc" prompt and always stay on this prompt. When a user types one of the following commands, the program will calculate and give the result.**

Typing "Exit" will exit from the Calculator program. This program accepts up to 50-digit numbers. Then, the division will give the quotient and remainder.

Calc> 12345678967354748+9876546877687678678678678 - Addition
Calc> 123456789953878378837483748798-8738478937937498237 - Subtraction
Calc> 12347876378384723987 4 * 34837472384723894732 - Multiplication
Calc> 123348937498393349839 8095/3487384 - Division
Calc> Exit - Quit.

Note:
Do not accept Invalid numbers.
Do not print leading zeros.
Use functions and write a professional program use Linux coding style.
Each number can be of a different digit.
Make sure that all the Input conditions are taken care.
Try to minimize the execution speed.

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