Calculator application using Function Pointers

Problem statement

To develop an application that performs all the functions of a calculator using C program.

GIT repository link:- link

System Requirements

High level requires

Table 1 high level requirements

ID	Name/Tag	Description
H_01	Operational Requirements	• GNU gcc compiler • Unity test framework • Github
H_02	Basic Function	To perform all basic calculator functions
H_03	Advance Functions	Trigonometry, log, modulus functions
H_04	Matrix Function	Matrix add, subtract, multiply

Low level Requirements

Table 2 low level requirements

ID	Description
H_01_L_01	Workflow Ci
H_01_L_02	Unity test frame work
H_01_L_03	Make file in git
H_01_L_01	Unity test main file
H_02_L_01	Function for add and subtract
H_02_L_02	Function for multiply and divide
H_02_L_03	Function for power and root
H_02_L_04	Main basic function with function pointers
H_03_L_01	Factorial
H_03_L_02	Main advance function with function pointers
H_04_L_01	Matrix add and subtract
H_04_L_02	Matrix multiplication