**Resources :**

**x86 Calculator :-**

<https://github.com/pritamzope/OS/tree/master/x86%20Calculator>

<https://github.com/pritamzope/OS/tree/master/x86%20Calculator/kernel_c/src>

**Operating system calculator setup**

I needed to create some program files like

Boot.s : This file for downloading the kernel

Grub.cfg : This file for Download the kernel to the bootloader

Linker.ld : This file for Connect the kernel with the bootloader

Run.sh : run the os

Char.c , char.h , keyboord.h , types.h , utils.c , utils.h : These files needed to identify the keyboard

\*\* The modification of the program is done in a file Kernel.c

to program an application and we have proven this by replacing the calculator for the square of two numbers.

**Difficulties, challenges and problems facing me and their solutions:**

- Any error in the code causes an error.

-Poor computer quality may lead to failure to complete work successfully.

-Not knowing assembly language.

- Give a virtual environment a small storage space to lead to

Failure of the job and giving it plenty of storage space to hang the real machine.

-A problem with the inclusion of libraries.

-Difficulty resolving errors.

-Find resources to solve problems and help us work.

-Find sources to explain the codes to understand.

**\*\* Benefiting from the project:**

Know the basic components of the system, how to link them, and how to make an application and run a program