**DAY04**

Conditional Execuation:

logical oprators && and || :

\*&& operator delimits two commands second command is executed only if the first succeeds.

\*|| operator delimits two commands second command is executed only if the first fails.

Logical operators:

Eq : =

Ne : !=

Qt : >

Gc : >=

It : <

Ic : <=

Logical operator

-a .AND

-O .OR

! NOT

Strings operators used by test:

-n : True, if str not a null string

-z : True, if str is a null string

S1 = S2 -> True, if s1 = s2

S1 != s2 -> True, if s1 # s2

->~$ -wall : It will give all notifications, errors, warnings.

->In below picture you can see that I have created a directory called mainpj in that I have created multiple directories such as inc, bin, lib, obj, scripts, src.

\*In inc directory I have created a file name as calc.h to include headerfile.

\*Then in src directory I have created a file as calc.c and main.c which our executable file.

\*Then we have converted our executable files into binary file using ~/mainpj$ gcc -c ./src/calc.c -I./inc/ -o ./obj/calc.o and gcc -c ./src/main.c -I./inc/ -o ./obj/main.o

\*Then I have created an app in bin directory to get my code executed.

gcc -o ./bin/app ./obj/calc.o ./obj/main.o

\*Then we executed our app which is under bin directory.

./app