

## Weekly Log 1

Week 2 : 14.04.25 - 20.04.25

Topics covered : - if - else

- local variables

- operators

- Prefix , Postfix

- Scope and Lifetime

- Null

Key concepts learned : Local variables only exist within the method they were declared in.

Scope of a variable is its class.

Modulo returns the remainder of a division as an integer (%) , if the dividend is smaller than the divisor the result will be the dividend →  $2 \% 3 = 2$

Prefix basically means increment before using it

Postfix use it before using it

Challenges faced : I had some trouble understanding how pre- and postfix work.

Solutions / Resolutions : My friend ChatGPT explained everything nicely so I kind of understand now.

Additional Notes / Resources : none