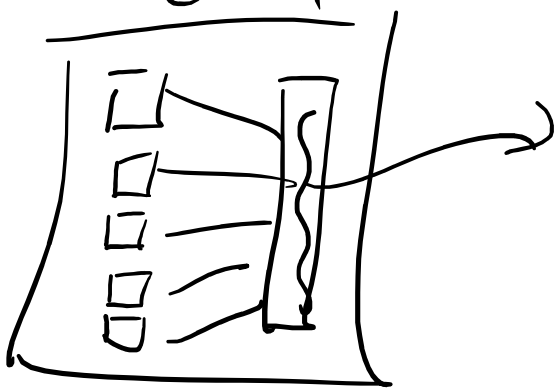
2025-01-21 - Apply concepts of Input / Output, control statements and object oriented programming in python for performing arithmetic operations.

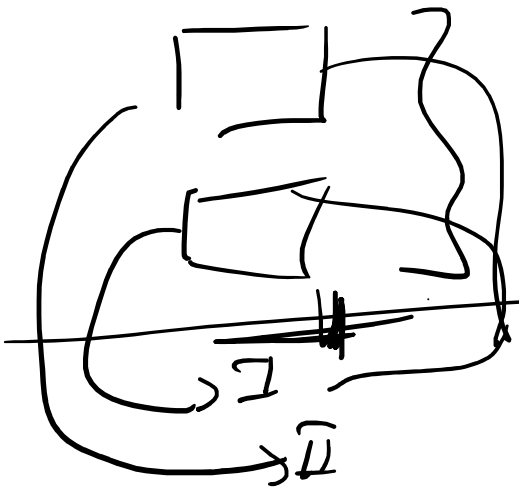
21 January 2025 11:32

-> Code Reusability :

Version Control



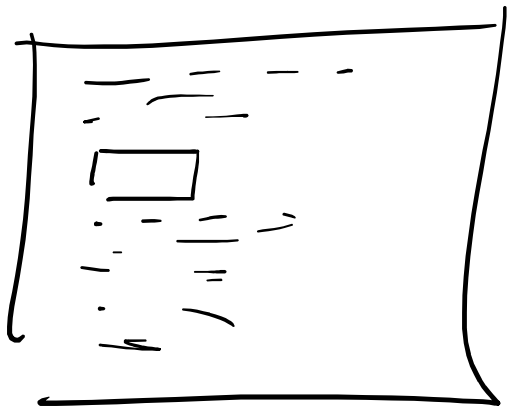
-> Functional : Line by Line



Wait for Execution

-> Time Complexity & Space Complexity.

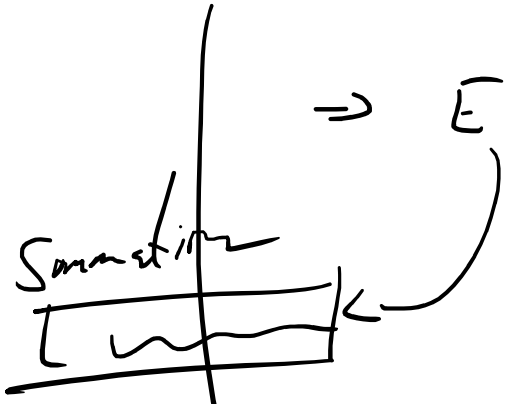
=> function (Set of Operations)



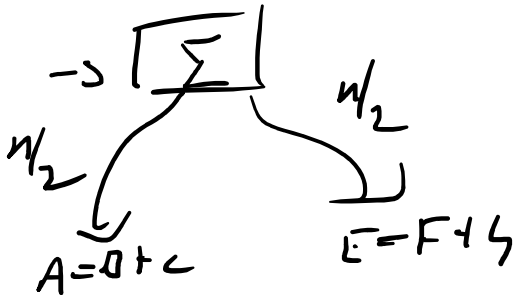
Scopes

-> A = B + C

O(n)

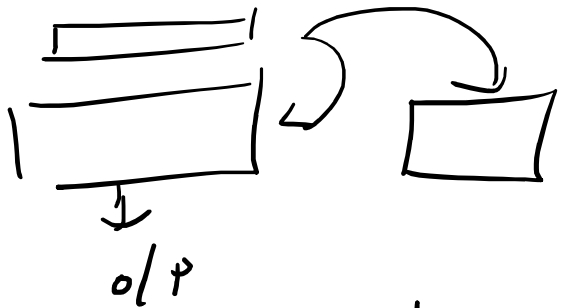


-> E = F + G

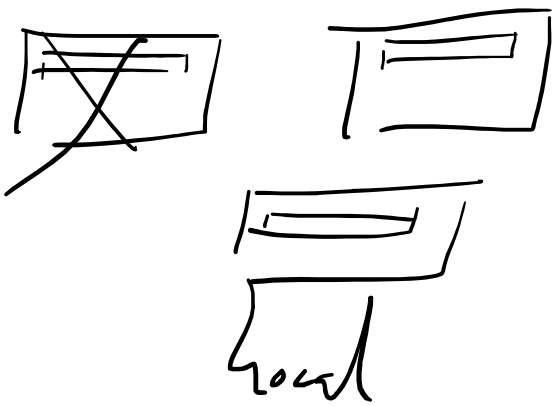


$\sum n/2 \approx \log n$ $O(n \log n)$

-> Variables Scope : Global & Local



Global



Local

Space friendly

Global

Space friendly

-> Loops:

for (Variable Assignment; Condition; Iteration) {

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=> Tasks Repeated => Operations

Iteration

for variableDeclaration in Range( ):

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