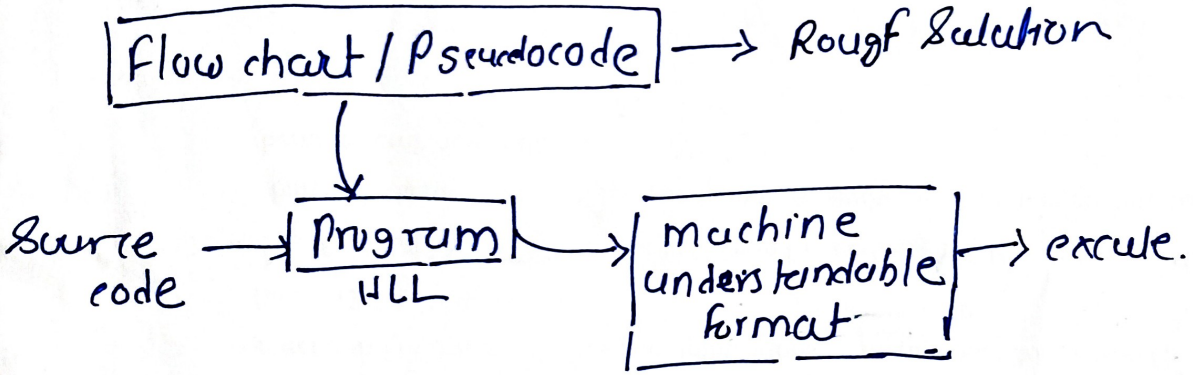
100 DAYS OF CODE CHALLENGE

Complete C++ DSA

1] Flow Chart :-

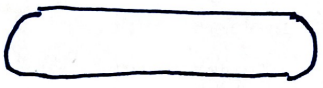
Problem Solving

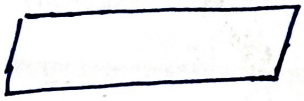
- to understand the problem
- given values
- approach
- program create.

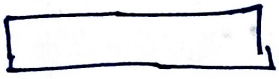


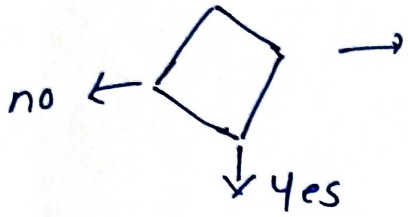
Flow chart - digramatic representation of an approch to solve problem.

Flow chart components :-


Terminator → to start to end


Input / output block.


process.

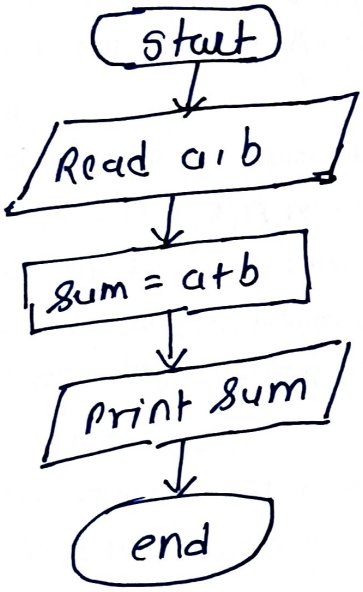


→ Decision making block.

↓↑ — arrows - to connect components and represents the flow

(A) — connector.

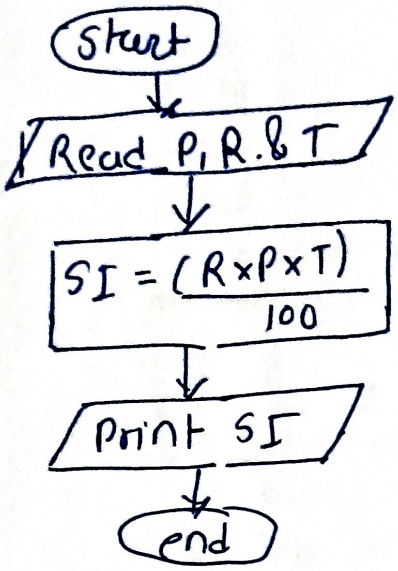
example Flow chart :- Sum of 2 numbers.



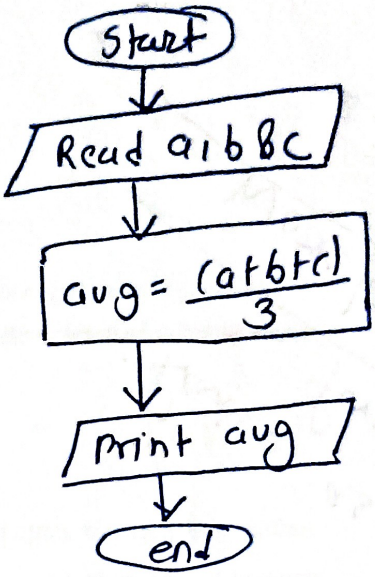
Pseudocode :- generic way of representing logic/code

→ Sum of 2 no :-
- → Read 2 no. a & b
- → Sum = a+b
- → Print Sum

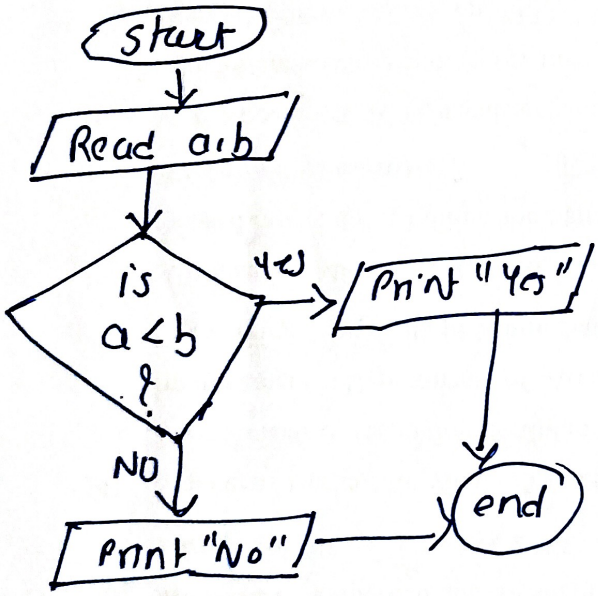
→ Ex:- to calculate simple interest



Ex:- average of three numbers



Ex:- Flowchart for calculating a<b is yes or not.

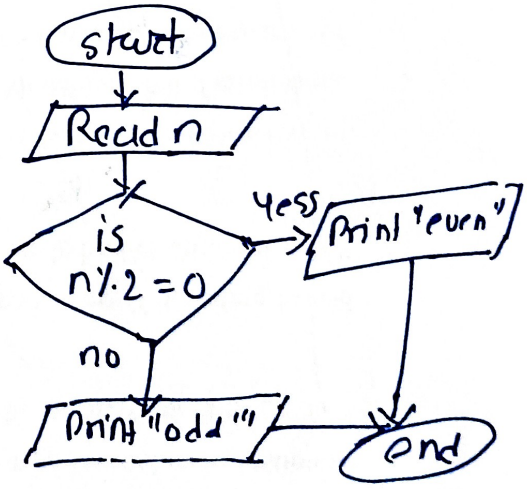


flow chart

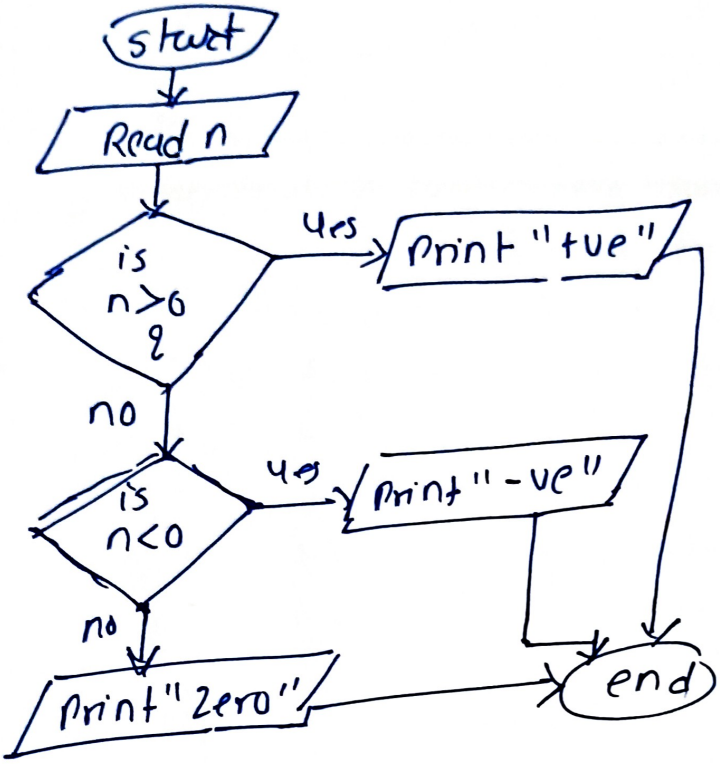
→ Read a & b
→ if a<b, Print "Yes"
→ else print "No"

Pseudocode

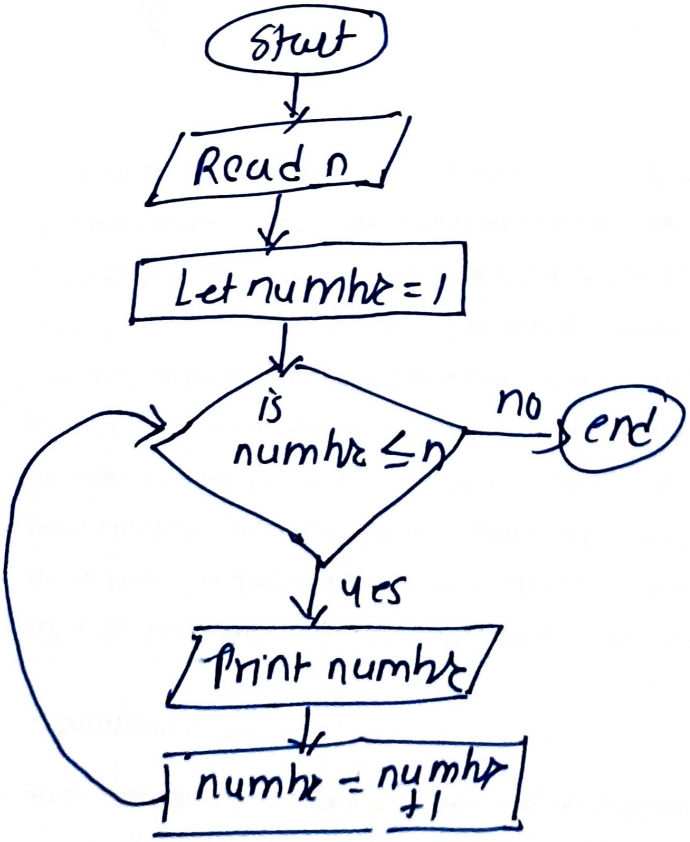
ex:- even or odd number

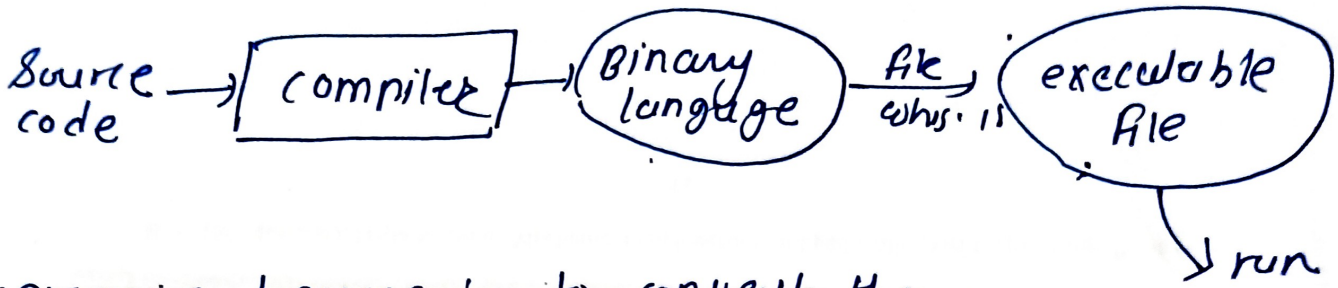


Ex:- no is positive negative of zero.



Ex:- ~~given triangle is valid or not~~
to print 1 to N





Programing laguage :- to convert the Source code to the binary format which is computer understanble languge to get output.