Flowchart & pseudoCode

↓

Dig representation of code

Coder

(C++, Java, python)

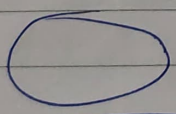
(Binary lang)

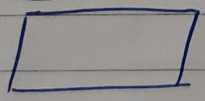
Way to resolve problem ?

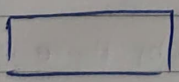
1> Understand
2> Given value
3> Appnch
4> Code
5> Error / Debug
6> other solution.

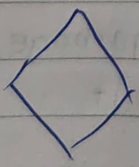
→ Instruction (pseudoCode)

What is flowchart ? It is diagramatical representation.

1>  Terminal (start, end)

2>  parallelogram (I/p, O/p)

3>  process (mind)

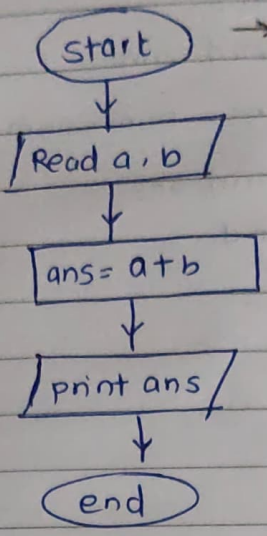
4>  Decision / condition

5>  Arrow (Flow)

1> Sum of two numbers: (There may be multiple solution of one problem)

2 + 3 = 5 → result/ans

a b → read



→ Flowchart

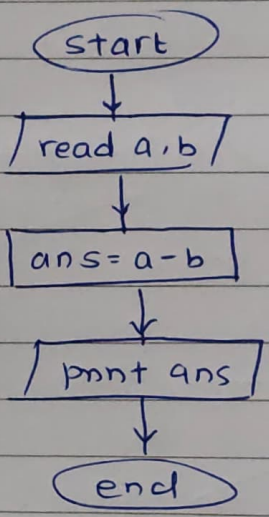
→ Pseudocode

1> Read a, b

2> ans = a+b

3> print ans

2> Subtract two number:



→ Flowchart

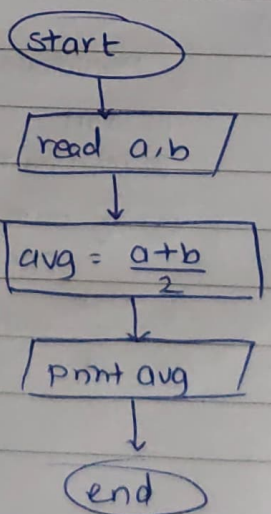
→ Pseudocode

1> Read a, b

2> ans = a-b

3> print ans

3) Avg of 2 numbers:



Pseudocode

1> Read a, b

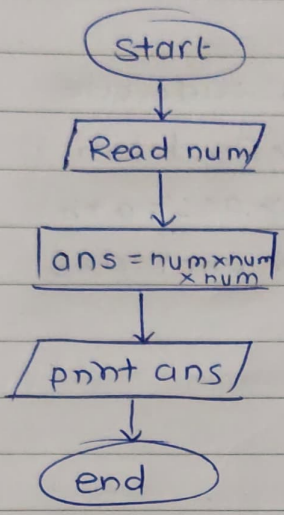
2> avg = $\frac{a+b}{2}$

3> print avg

4) end

4> Find Cube of a number:

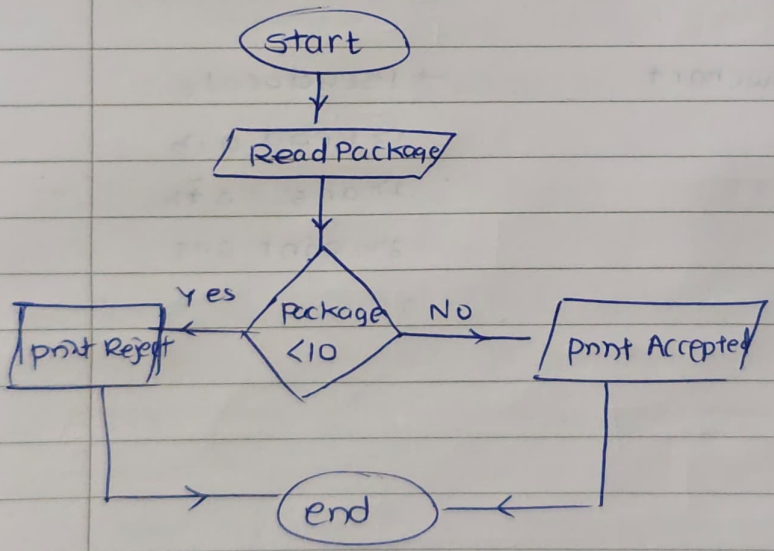
ans = num x num x num



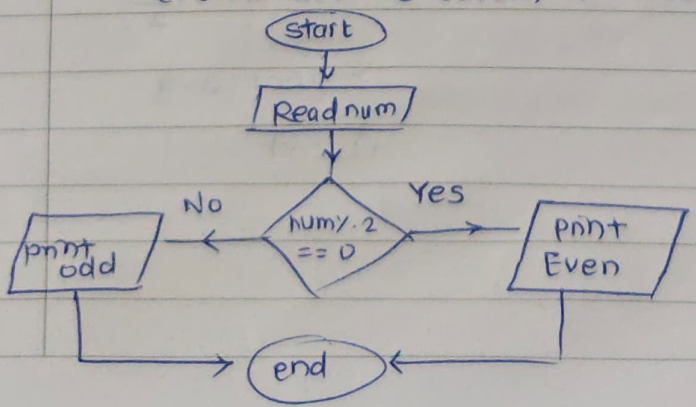
Pseudocode

1> start
2> Read num
3> ans = num x num x num
4> print ans
5) end

5> Decision Making:



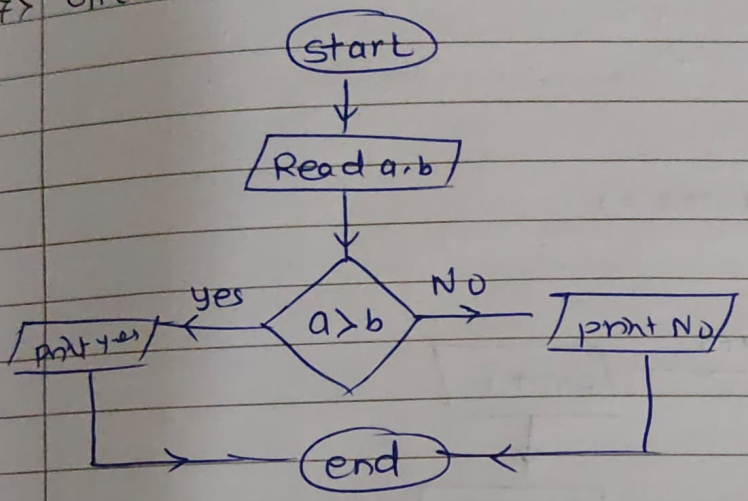
6> Number Even or odd (% modulo)
(remainder 0 (even) & 1 (odd)



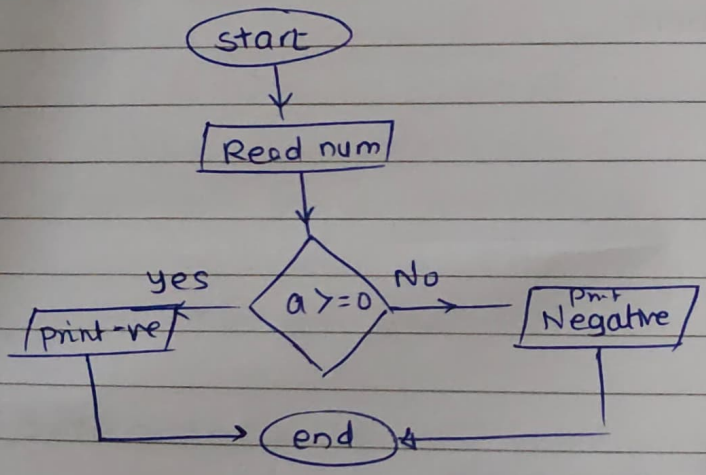
Pseudocode

① start
② read num
③ if num%.2==0
print even
else
print odd
④ end

7) Greater number betⁿ two numbers

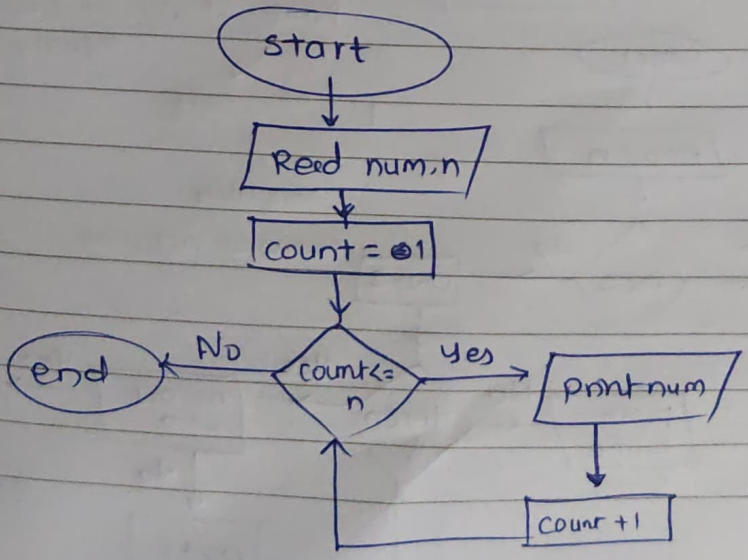


8) Number : +ve, -ve

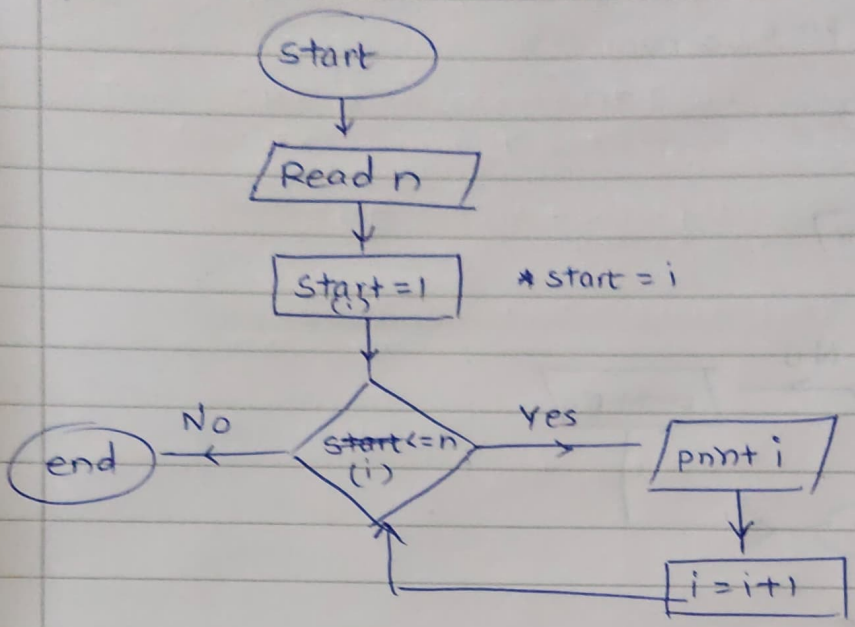


9) Loops:- (same task multiple times)

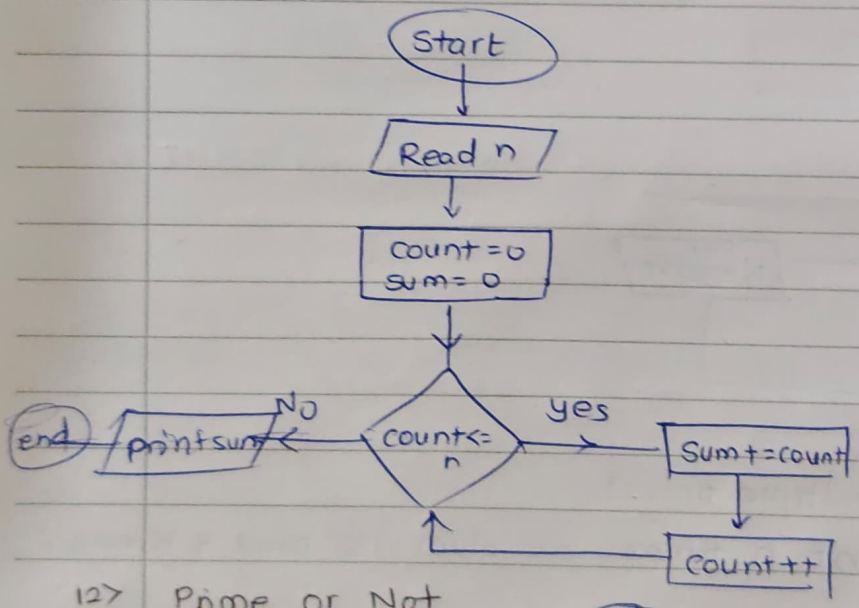
Take num, print n times ex: Num = 15 print 5 times



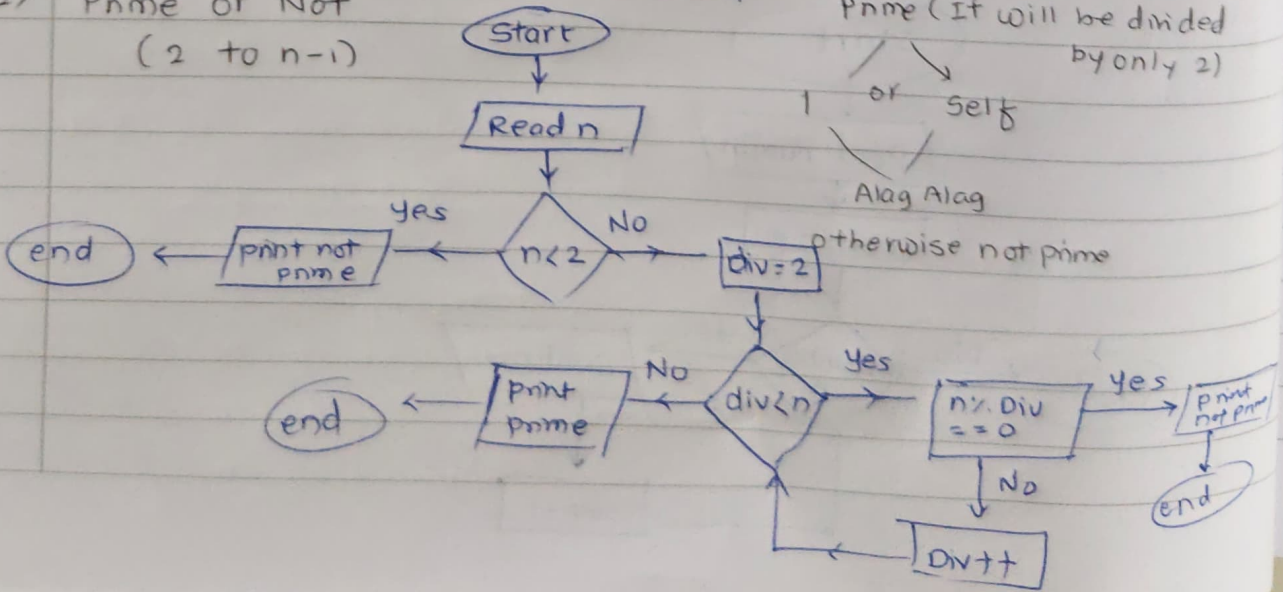
10) print 'n' natural numbers



11) Sum of 'n' natural numbers:



12) Prime or Not (2 to n-1)



Prime (It will be divided by only 2)
1 or Self
Alag Alag
otherwise not prime