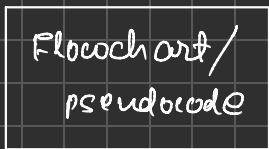




## → Problem Solving

- Understand
- given values
- approach
- program



Source Code



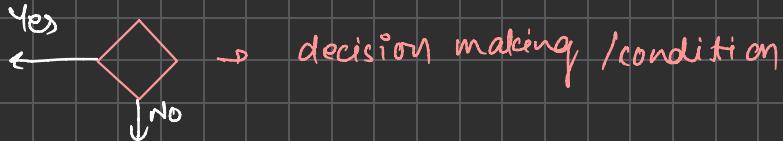
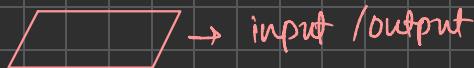
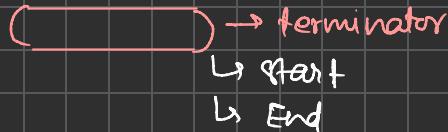
O/I

Machine  
Understandable

Rough code

→ flow chart: diagram represent of approach

## Components

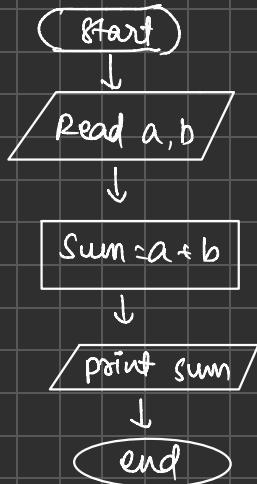


A

→ connector

Q. Sum of 2 Numbers

flow chart:



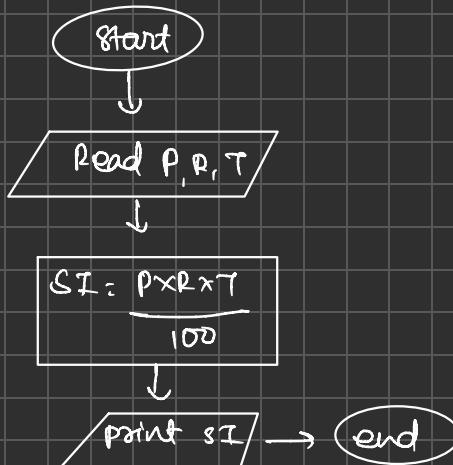
\* PseudoCode:

- way of representing look
- Generic

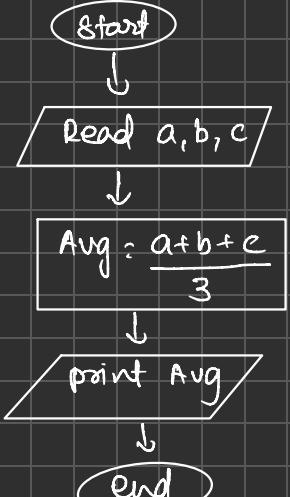
Ans:

- Read a & b
- sum = a + b
- print sum

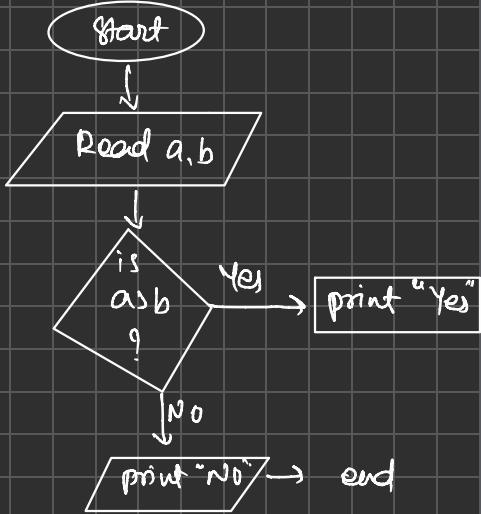
Q. flow chart of calculate Simple Interest :  $S.I = \frac{P \times R \times T}{100}$



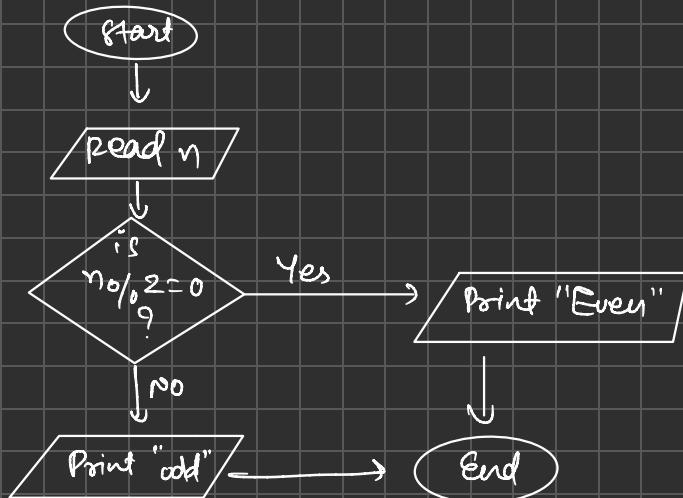
Q. Avg. of 3 Num.



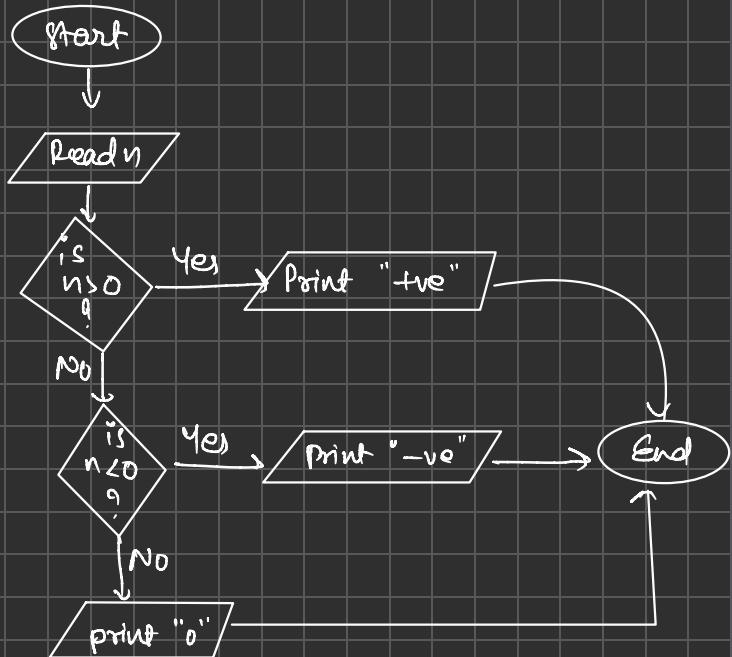
Q.  $a < b \rightarrow \text{Yes} | \text{No}$



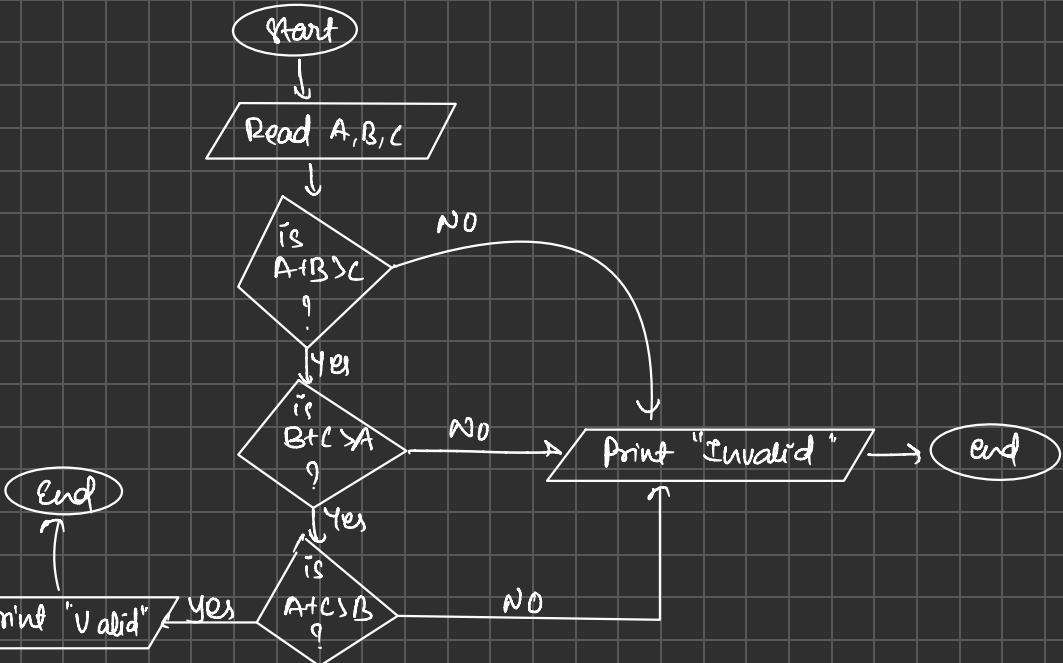
Q. Odd or Even.



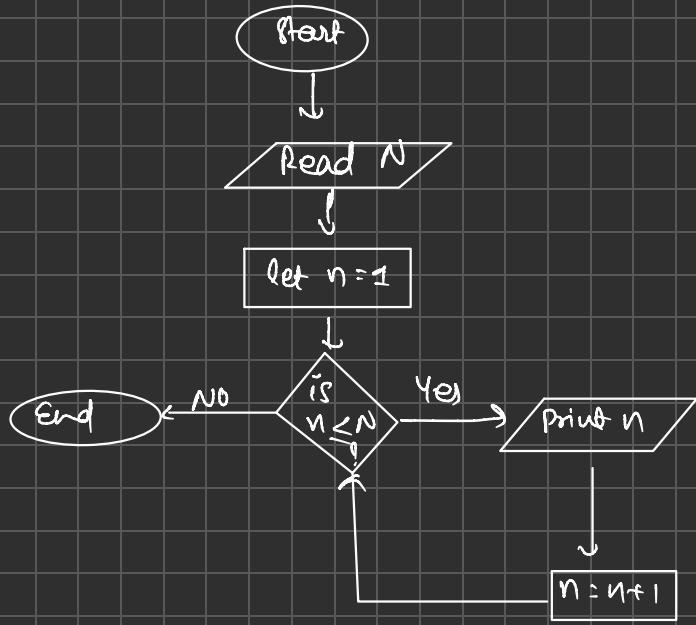
Q. Number is +ve, -ve or 0



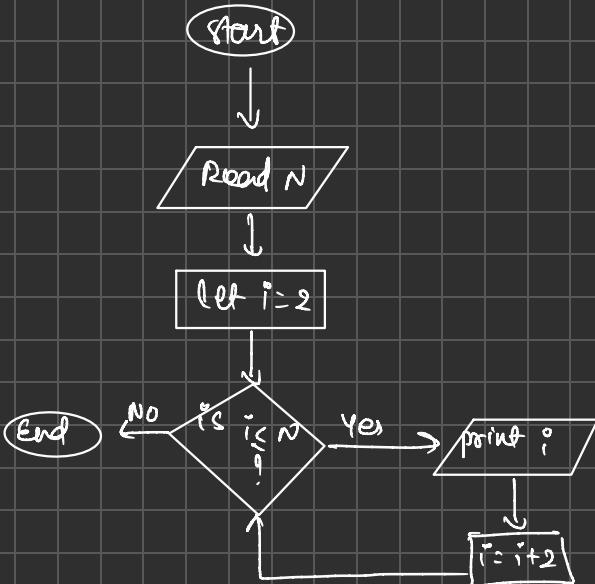
Q. Valid triangle ( $A+B>C$ ,  $A+C>B$ ,  $C+B>A$ )



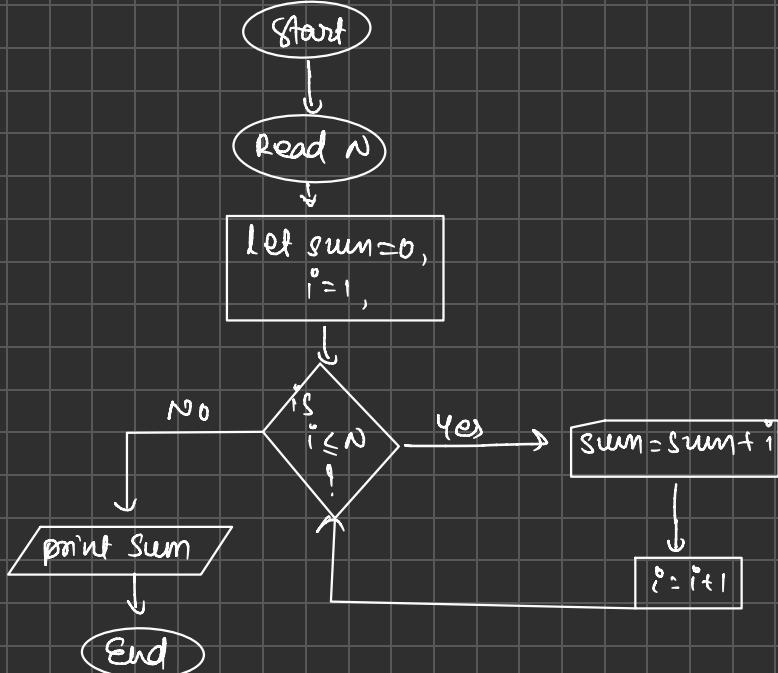
Q. Print from 1 to n



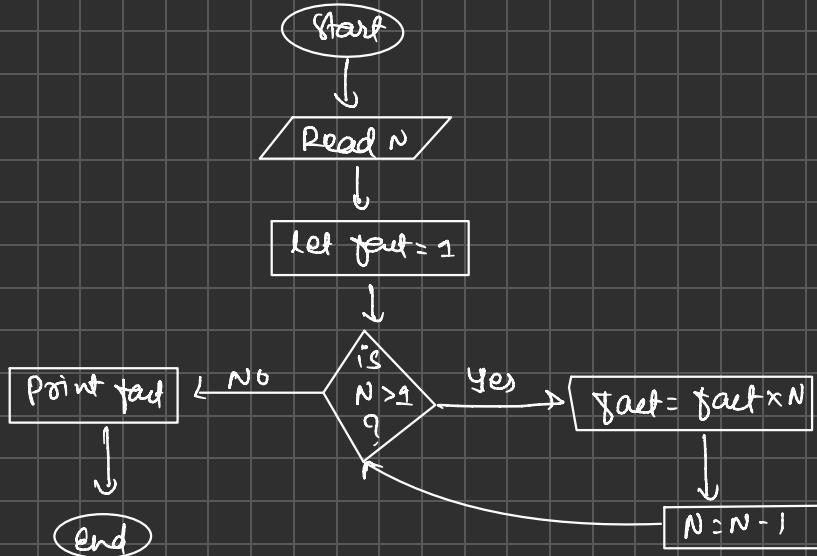
Q. print 1 to n even numbers



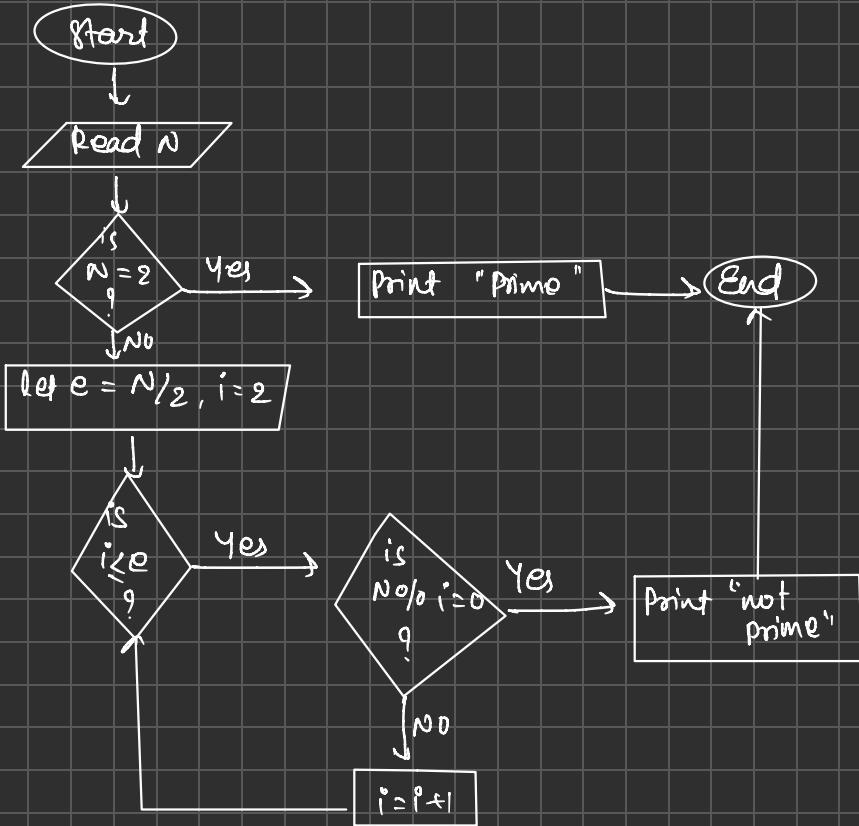
Q. find sum 1 to N (inclusive)



Q. factorial of N



Q. Check if Prime?



## \* Programming language

What?

Why?

→ A language by which you can talk or work done with computers.

→ every programming language has some syntax which has to follow.

