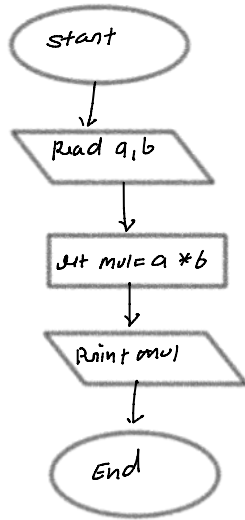


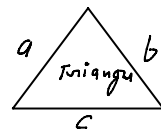
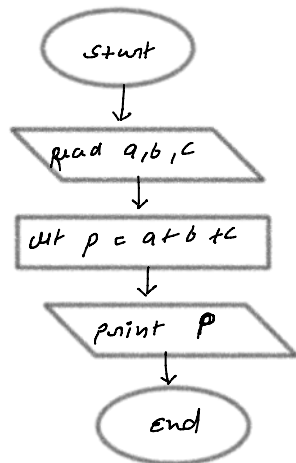
HW CLASS:01 23/08/23

<https://www.linkedin.com/in/manojofficialmj/>

→ Multiply 2 numbers by taking input

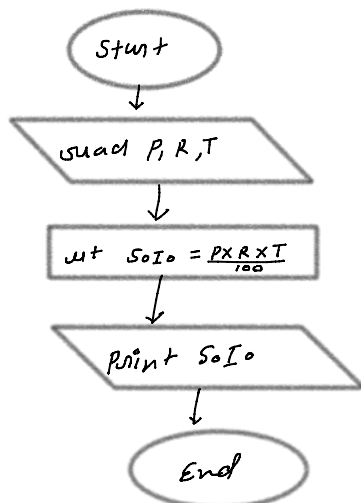


→ Find the perimeter of a triangle



$$\text{perimeter} = a + b + c$$

→ Find simple interest



$$S.I. = \frac{P \times R \times T}{100}$$

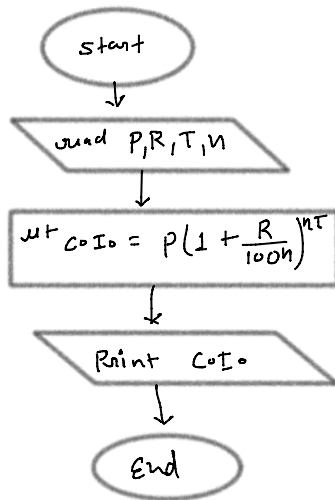
$P = \text{Principal}$

$R = \text{Rate}$

$T = \text{Time}$

End

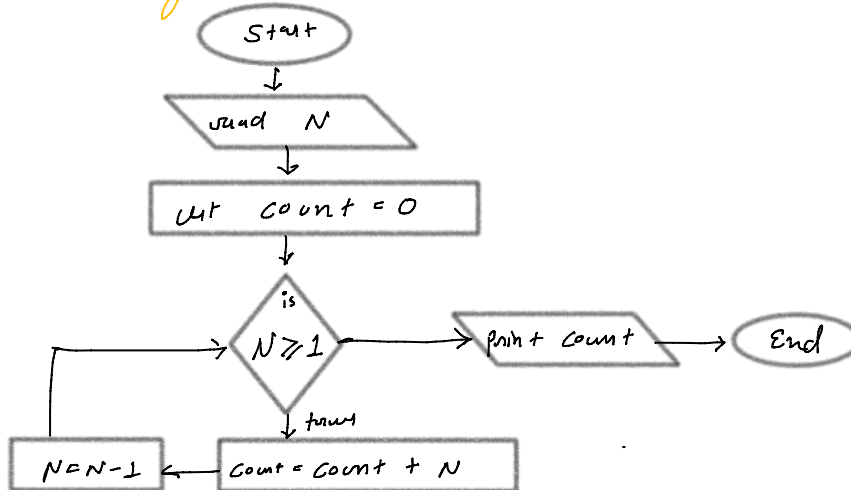
→ Find compound interest



$$C.I. = P(1 + \frac{R}{100})^{NT}$$

P = Principal
 R = Rate
 T = Time span
 n = Number of times interest got compounded Annually

→ Print counting from N to 1



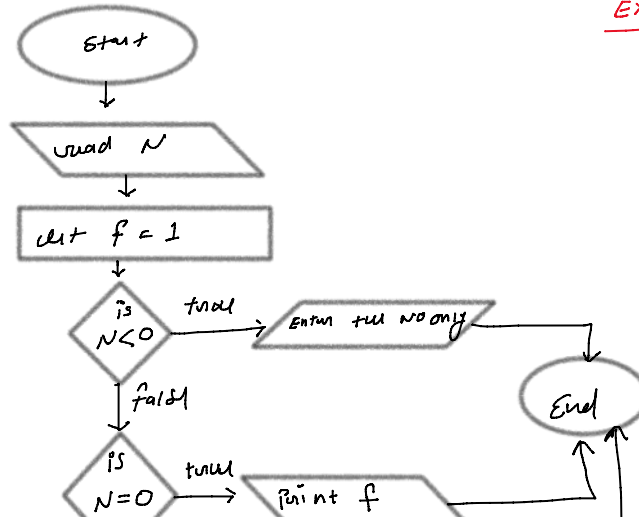
Example

3 o/p ⇒ 3+2+1 = 6
N.

count	N ≥ 1	C = C + N	N = N - 1
0	3 ≥ 1	3	2
3	2 ≥ 1	5	1
5	1 ≥ 1	6	0

6 0 ≥ 1
↓ X END
Final o/p

→ Find factorial of a number

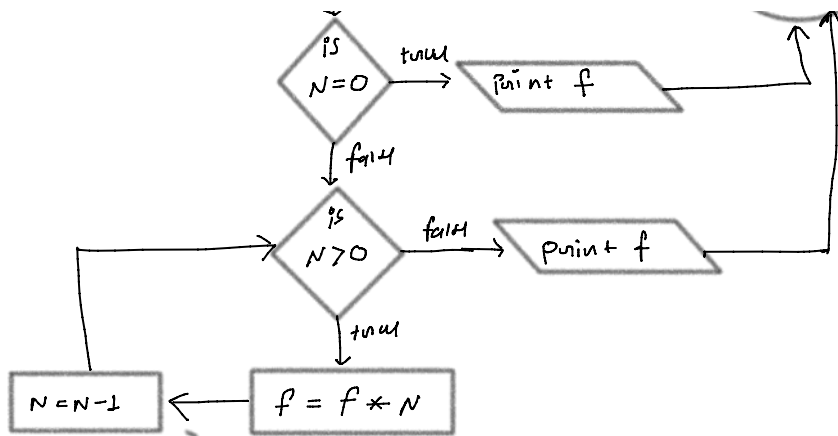


Example

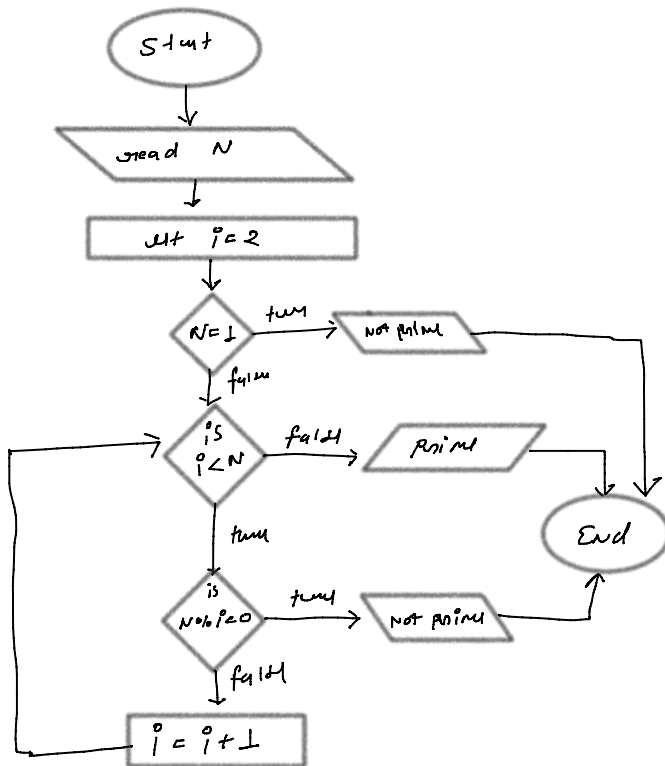
5! o/p ⇒ 5 × 4 × 3 × 2 × 1
N = 120

0! o/p ⇒ 1
N

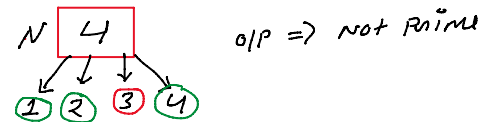
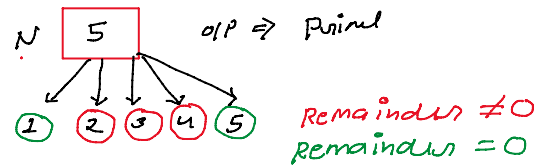
Note: can not find factorial of a negative number.



→ Check if number is prime or not

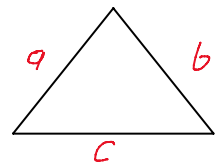
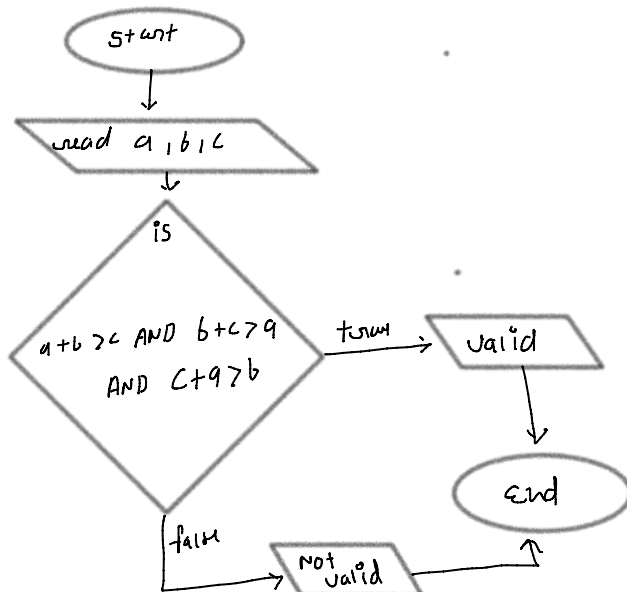


EXAMPLE



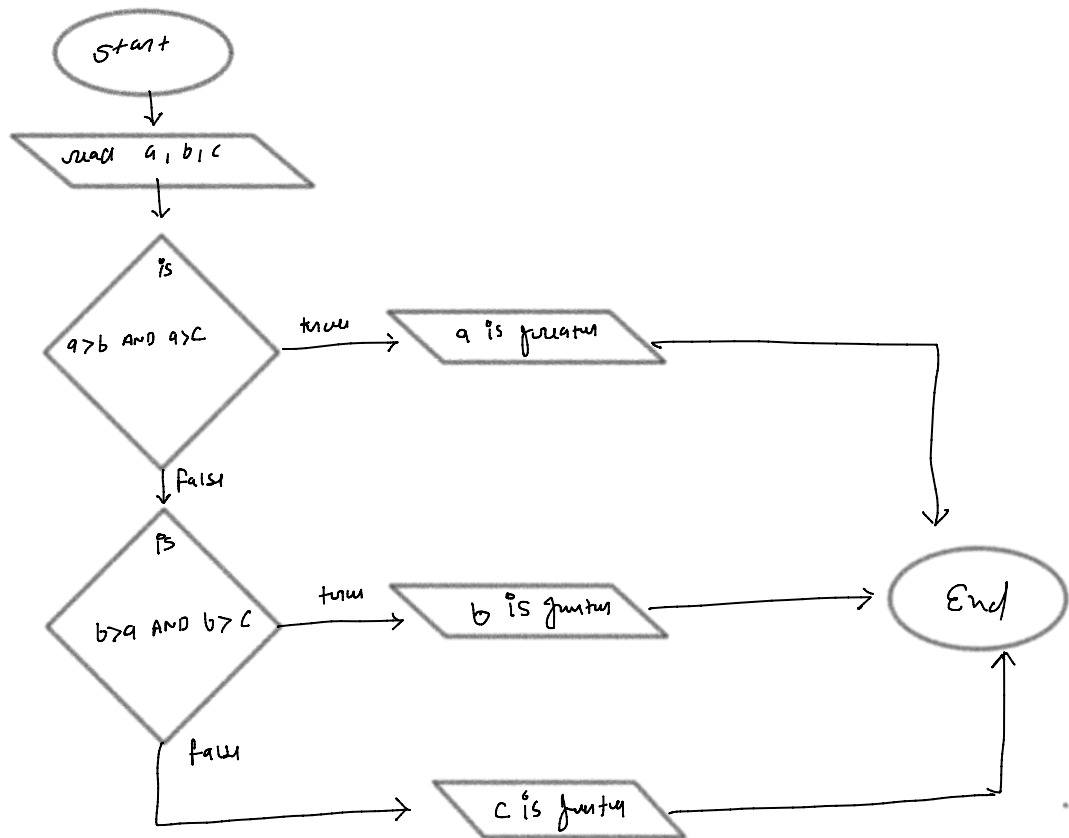
Note: 2 is unit value of prime numbers & when a number is divisible completely by 1 & itself is called a prime number.

→ Check valid Triangle or not



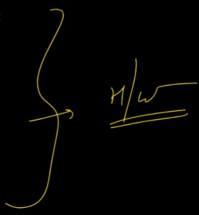
$$\left. \begin{array}{l} a+b > c \\ b+c > a \\ c+a > b \end{array} \right\} \text{valid Triangle}$$

→ Print Max of three number



HomeWork:

- Multiply 2 Numbers by taking input
- Find perimeter of a triangle
- Find Simple Interest
- Find Compound Interest
- Print Counting from N to 1
- Find Factorial of a Number
- Check if a number is Prime or not
- Check Valid Triangle or not
- Print max of three number



LIVE