

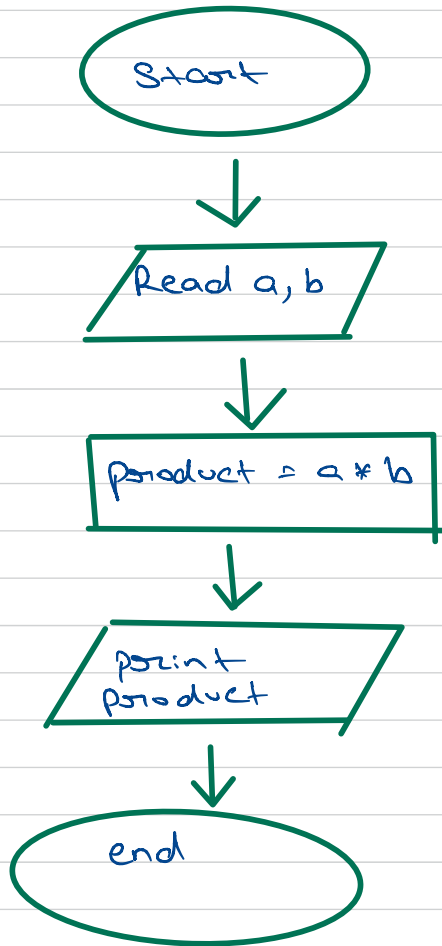
1.1 Homework

Made By:

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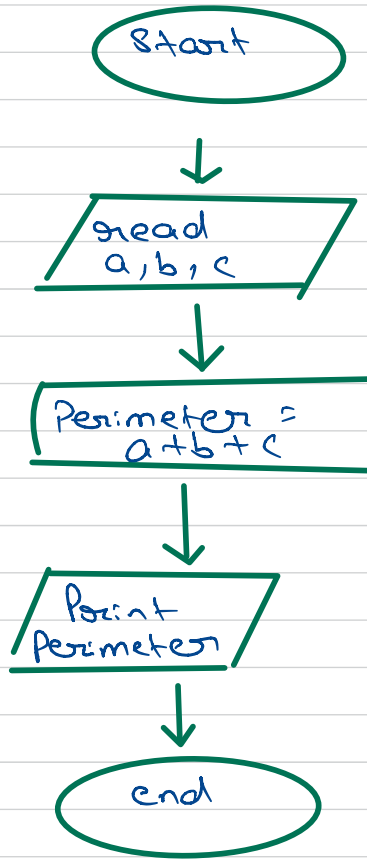


Multiply two numbers by taking user input



find perimeter of a triangle

perimeter of $\Delta = a + b + c$



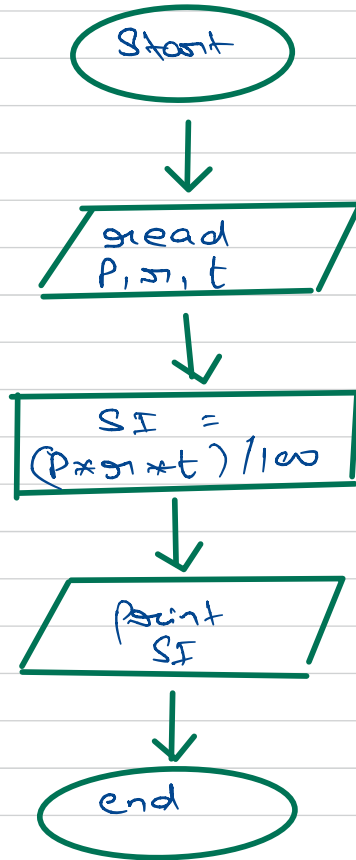
find simple interest

$$SI = (P \times R \times T) / 100$$

P = Principal

R = Rate of Interest

T = time



Print Compound Interest

$$CI = P(1 + r/n)^{nt} - P$$

P = principal

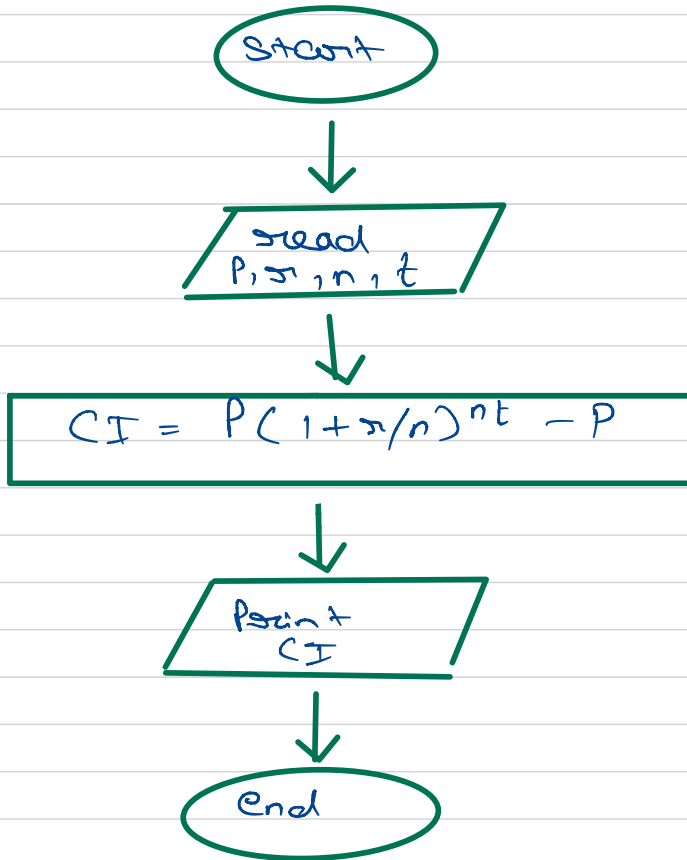
r = rate of interest

n = no. of times

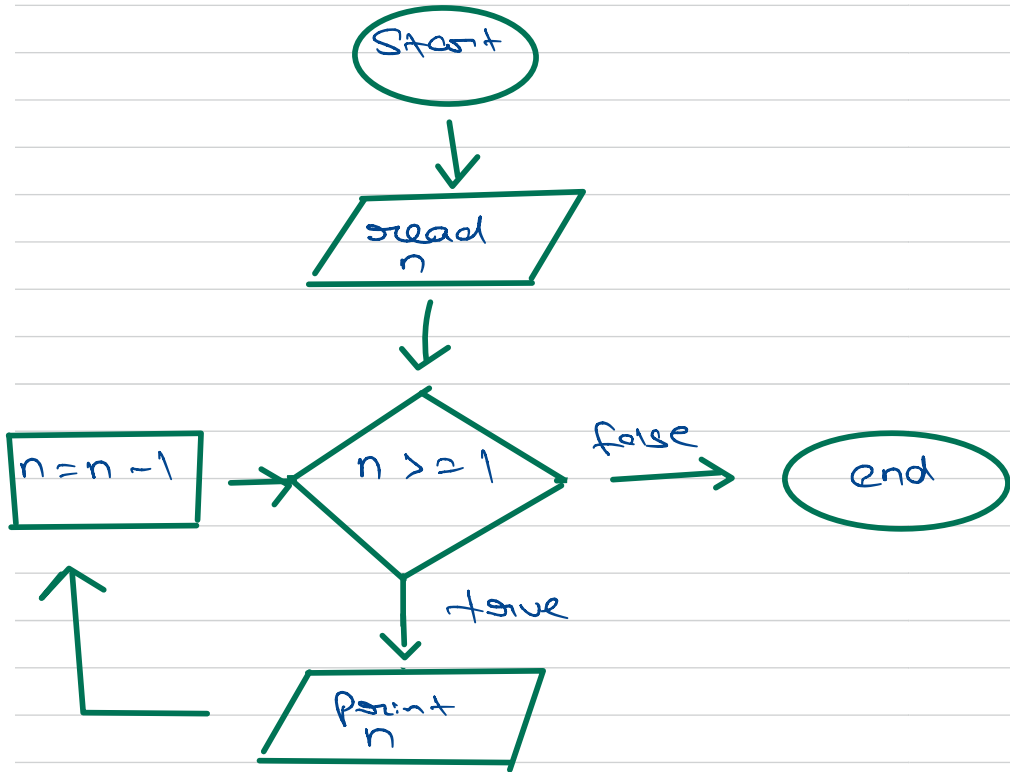
interest is

compound per year

t = time (in yrs)

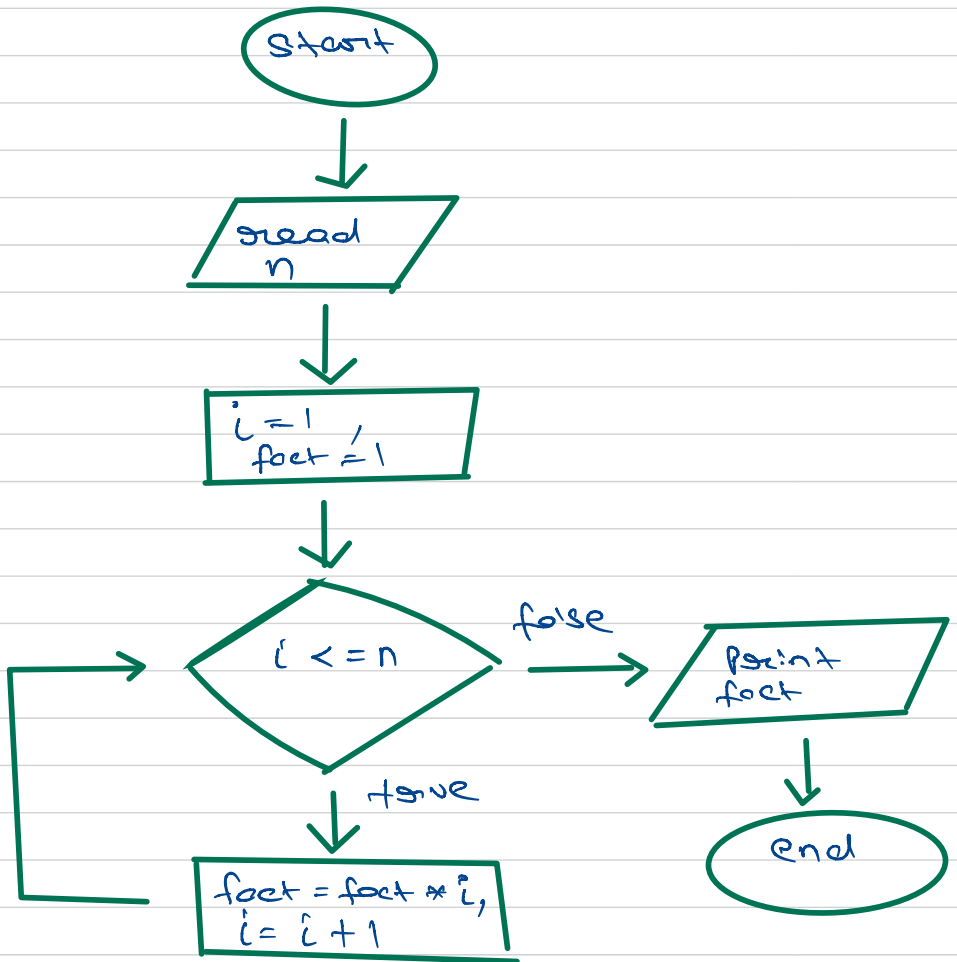


Print Counting from n to 1



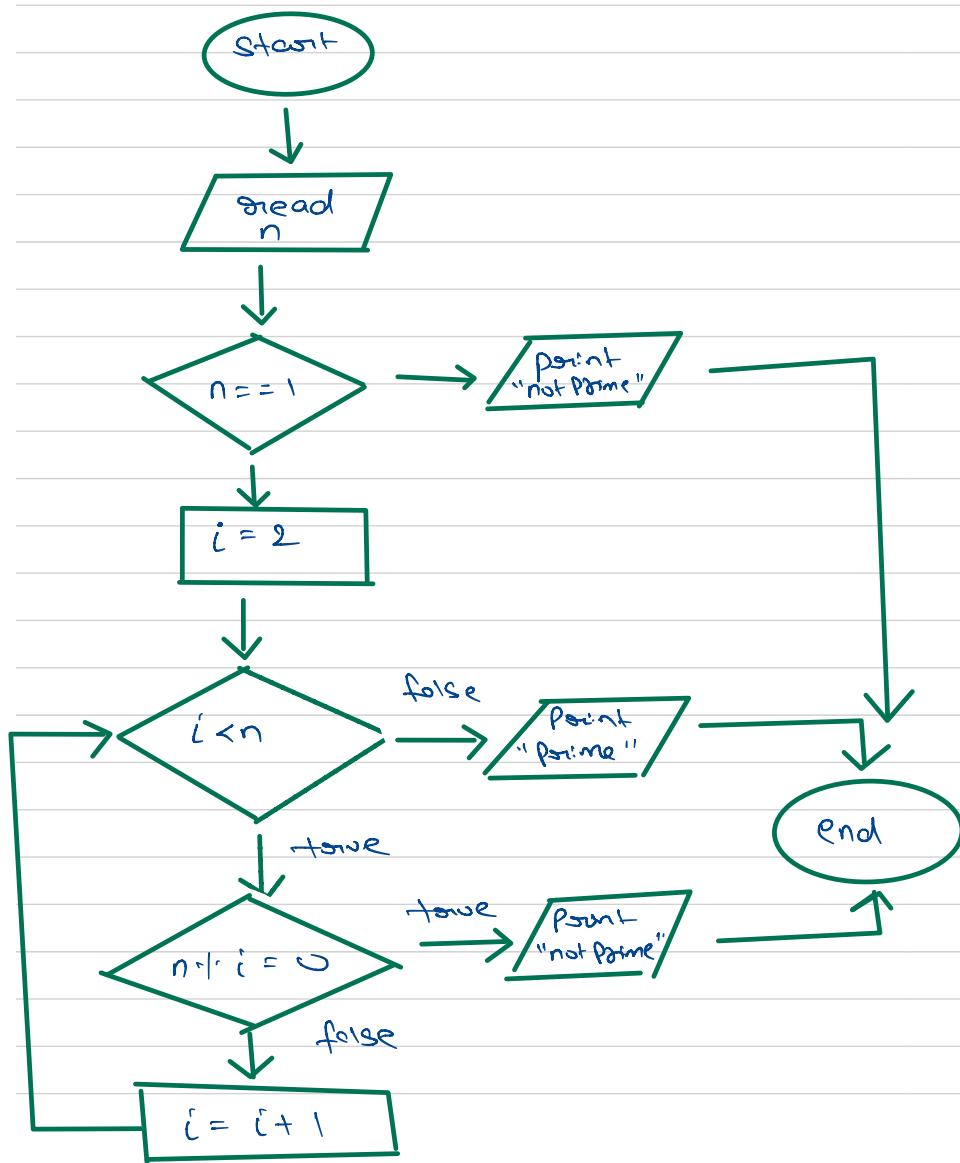
find factorial of a number

$$\begin{aligned}\text{factorial} &= n(n-1)(n-2)\dots 1 \\ &= n \times (n-1)!\end{aligned}$$

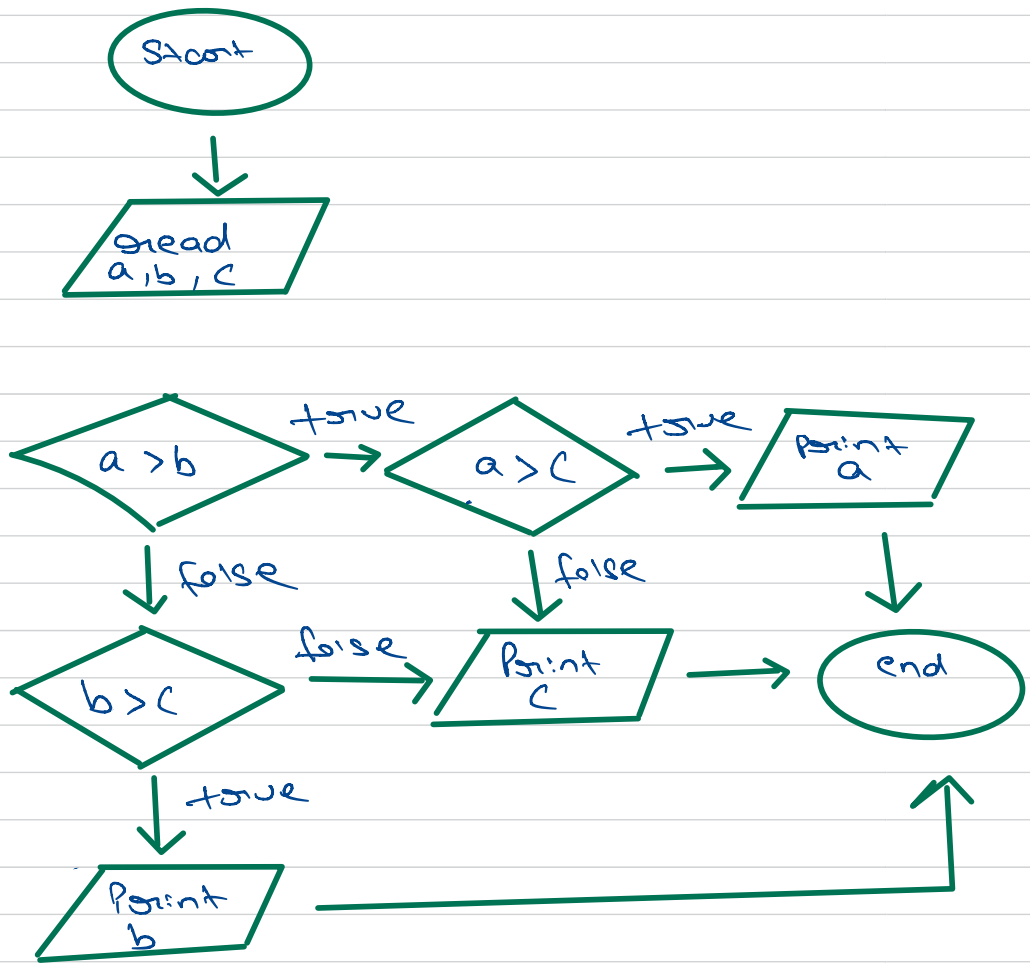


Check if number is prime or not

Prime no \rightarrow greater than 1 & divide by 1 or itself
for ex 2, 3, 5, 7, 11, 13...



Print max of three numbers

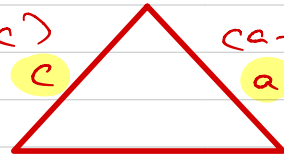


Check valid triangle or not

valid $\Delta \Rightarrow$ Sum of two sides greater than the third side

$$(a+b > c)$$

$$(a+c > b)$$



$$(b+c > a)$$

