






Flowchart → graphical representation of flow of program using basic shapes

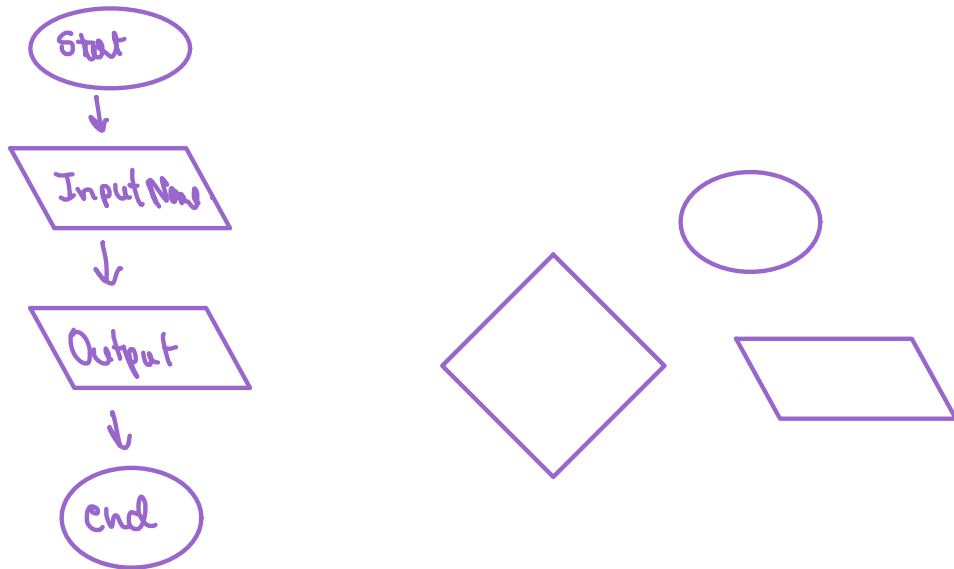
Start/Stop →  → Also known as terminator symbol says Start/End point
Input/Output →  → In real life input → keyboard mouse out → Printer, Speakers
Processing →  → adding 2 numbers
Condition →  → Based on condition
Flow of program → 

1 → Take a name & output Hello Name.

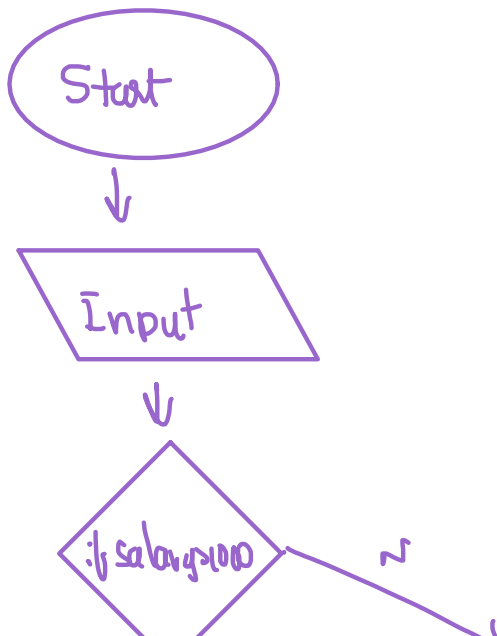
2 → Take input of a salary. if the salary greater than 10000 add bonus as 2000 otherwise add bonus 1000.

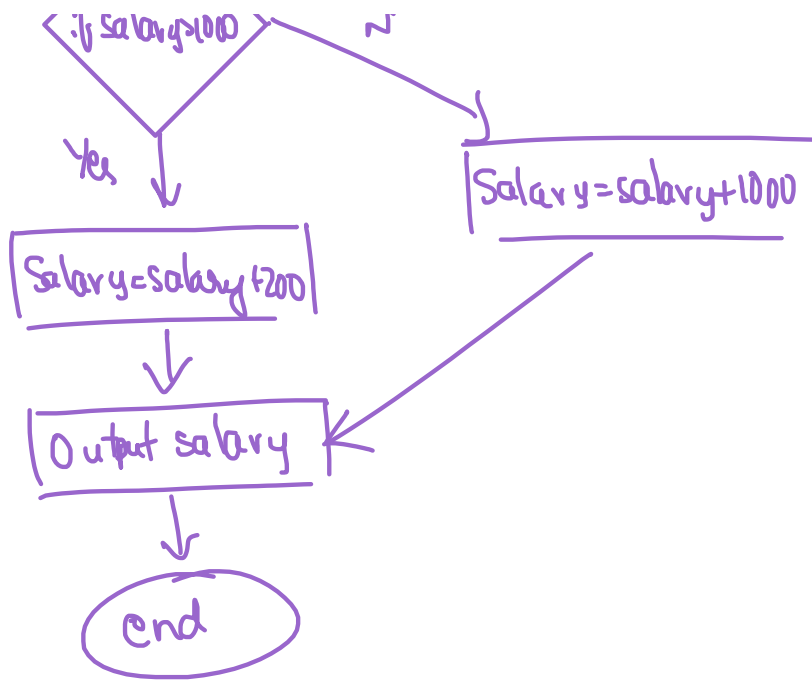
3 → Input a number & print whether it is prime or not.

1 →



2 →

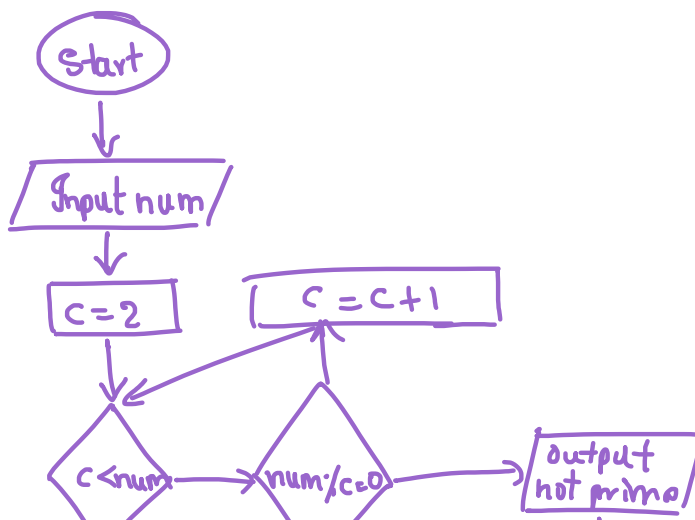


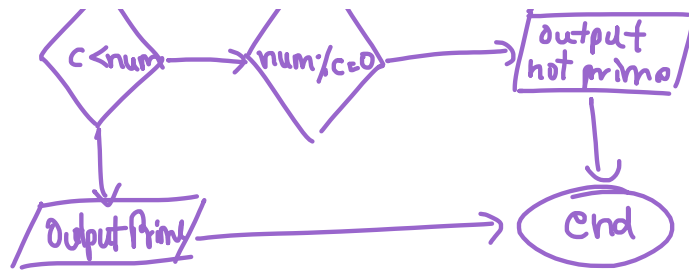


Start
 input n
 if $n \leq 1$;
 print("neither prime nor composite")

 c = 2
 while $c * c \leq n$;
 if $n \% c = 0$;
 output "not prime"
 exit

 c = c + 1
 end while
 output "prime"
 exit.





HCF	LCM
It stands for highest common factor.	It stands for least common multiple.
HCF is the largest of all the common factors of the given numbers.	LCM is the smallest of all the common multiples of the given numbers.
HCF of given numbers cannot be greater than any of them.	LCM of given numbers cannot be smaller than any of them.