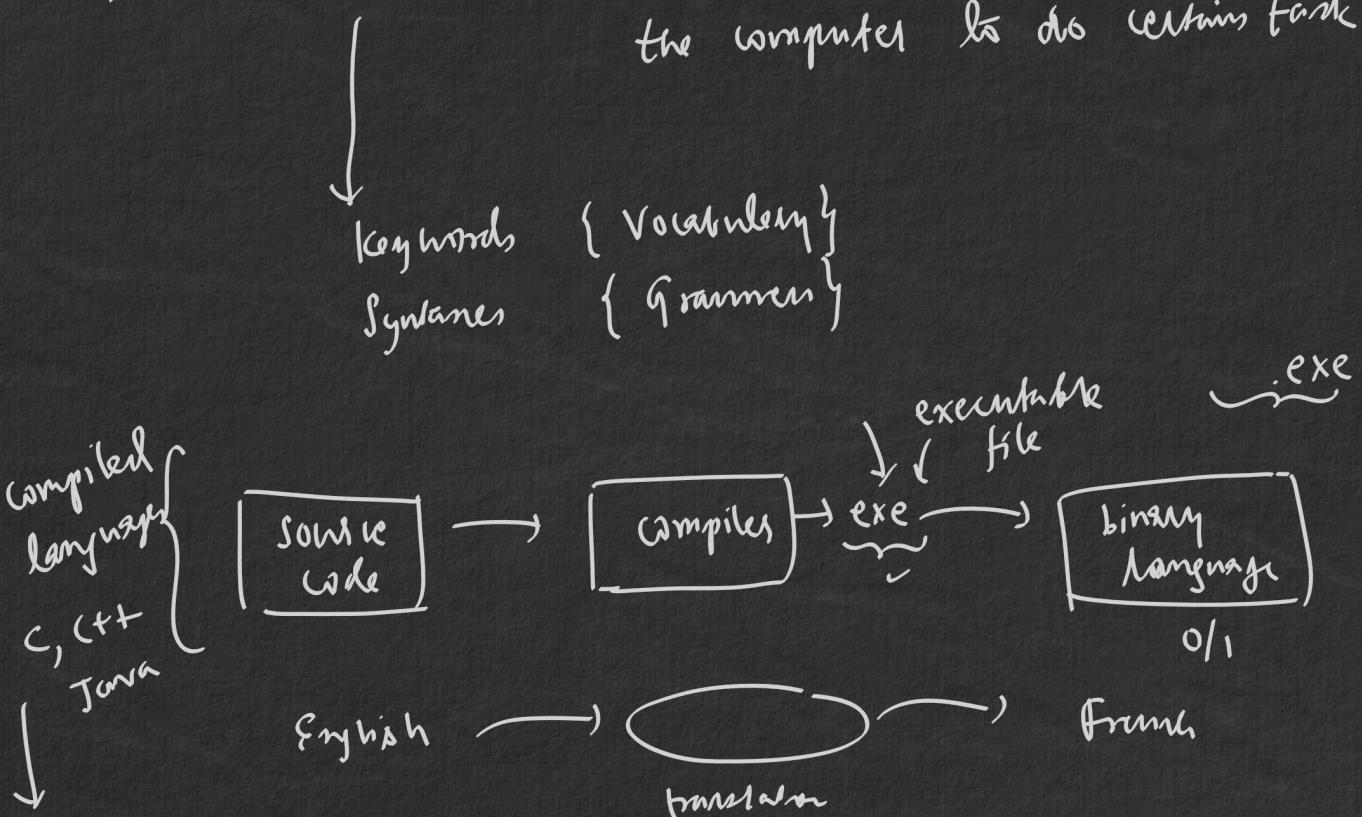


AGENDA

- 1> Programming { compiled , interpreted }
- 2> Pseudow Programming . { false }
- 3> Flowchart
- 4> Python

1> Programming → way of communicating / instructing the computer to do certain task



→ python → interpreter → byte code
JS line by line

python → create prototype tasks.
demo product

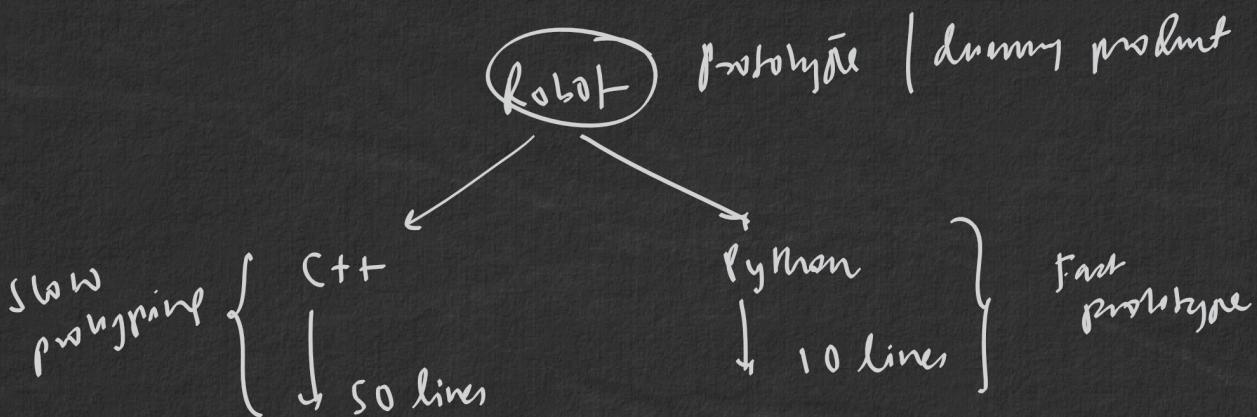
2) Pseudo programming:-

False

5 , 3

```

BEGIN
  NUM num1, num2
  DISPLAY "num1, num2"
  IF num1 > num2
    DISPLAY "num1 is greater than num2"
  ELSE
    DISPLAY "num2 is greater or equal to num1"
END
  
```



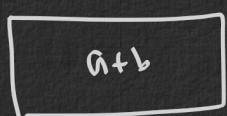
Flow chart :-



starting / Ending of a program.



display | enter any value

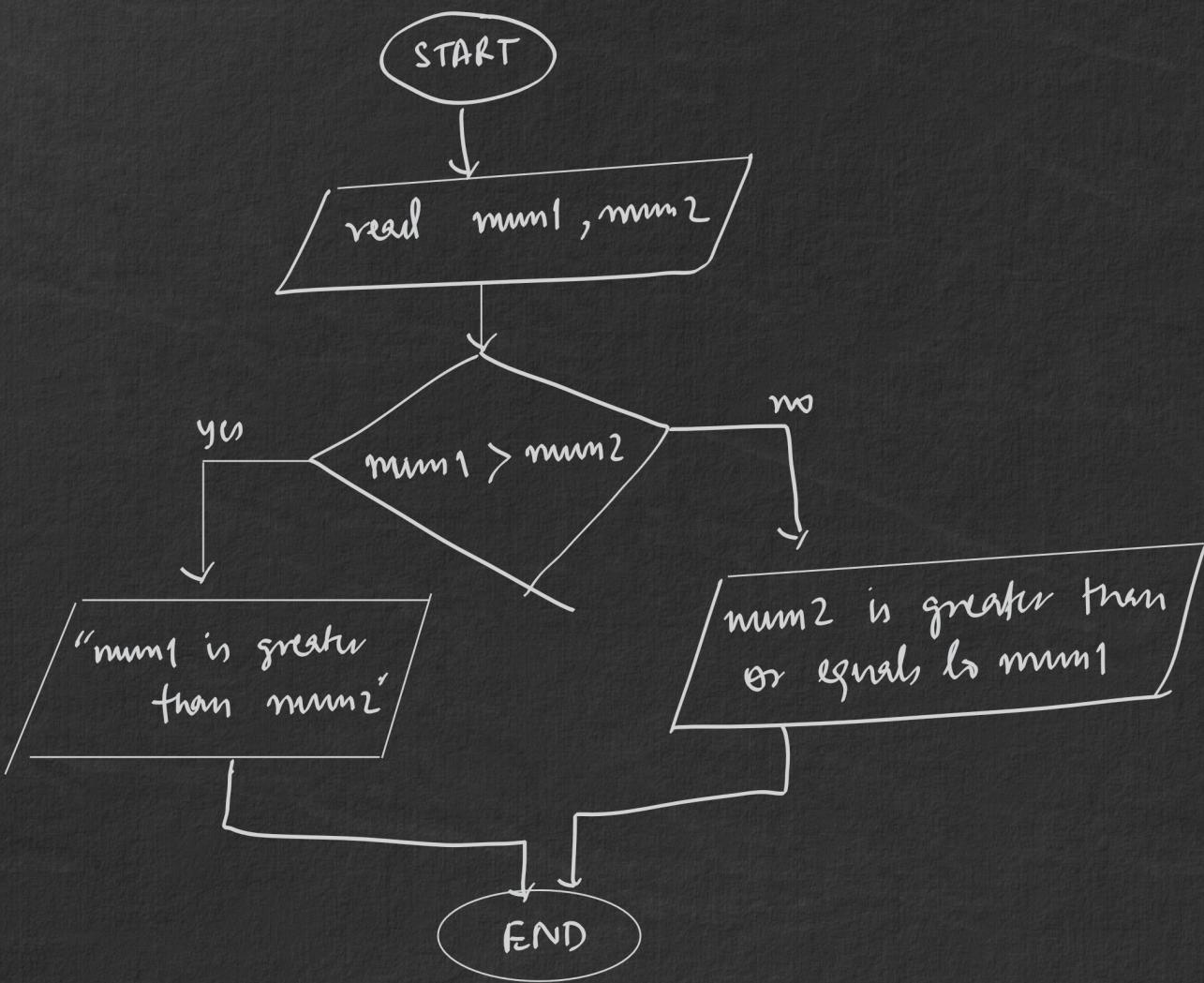


operation

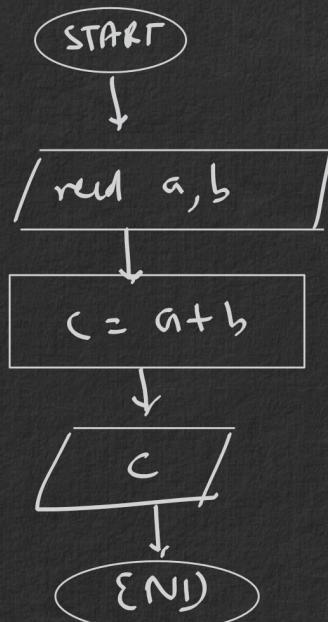


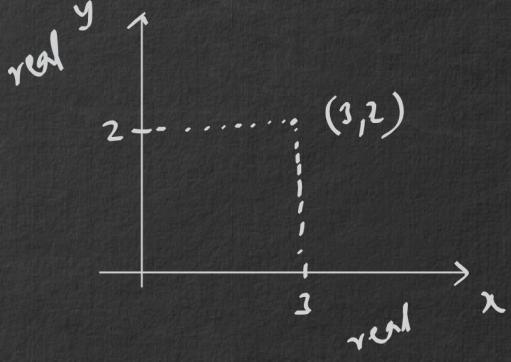
Decision branch

$\text{num1} > \text{num2}$?



$$c = a + b$$

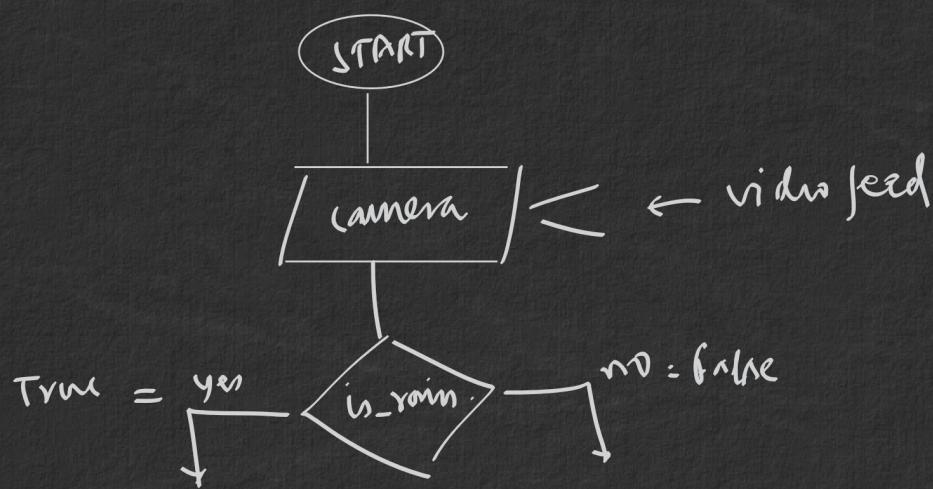
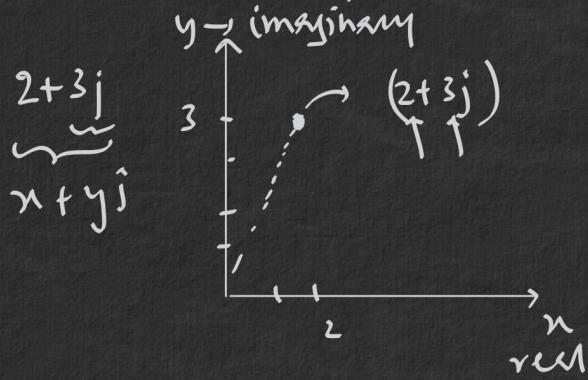




complex

$$\sqrt{-1} = j$$

imaginary { iota }



$$\begin{bmatrix} a & b & c \end{bmatrix} \underbrace{\begin{bmatrix} x \\ y \\ z \end{bmatrix}}_{\text{number}} = \underbrace{\underbrace{\overbrace{a \cdot 1}^1 + \overbrace{b \cdot 2}^2 + \overbrace{c \cdot 3}^3}_4}_{1 \quad 2 \quad 3}$$

