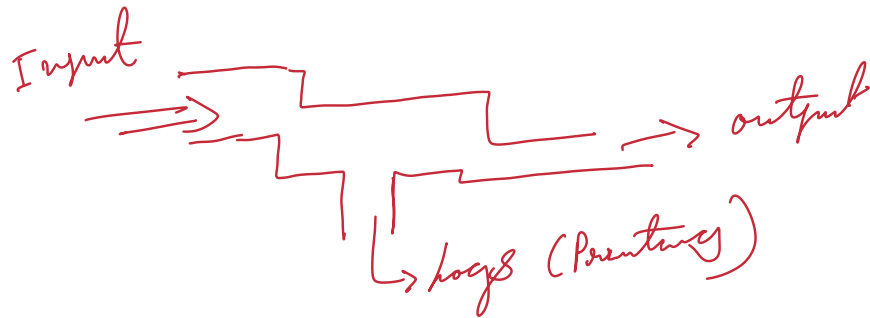


## Computer Science

Friday, 26 March, 2021 10:16 AM

functions



⇒ write functions

↳ sum-of-cubes

↳ 5

$$\frac{1^3 + 2^3 + 3^3 + 4^3 + 5^3}{\text{while}}$$

Defn name ⇒ I/O parameters

↳ Math exp

⇒

$$\frac{x^3 + 2x^2 + 3x + 1}{x^2 + 2x + 3}$$

$$\frac{x^2 + 2x + 3}{x^2 + 2x + 3}$$

↳ Math

→ max

 $n \Rightarrow$  variable

$$f_1(x, y) = x^2 + y^2$$

$$f_1(2, 3) = 13$$

$$f(x) = ax^2 + bx + c$$

$$f(x) = 2x^2 + 3x + 4$$

 $f(x)$  $f(i)$ 

$$x \Rightarrow [1, 2, 3, 4, 5, \dots, 10]$$

$$y \Rightarrow [8, 18, \dots]$$

$$(1, 9) (2, 18) \Rightarrow$$

Coordinates