

* Special data types (Calisto structures)

- (1) list
- (2) set
- (3) tuple
- (4) dict

a = 6
type(a)
O/P = int

* Input / Output function

- ↳ anything taking from user
- ↳ anything giving to the user is called O/P.

Input function = input()

Output function = print()

Ex:-

print("hello gm")
⇒ hello gm

a = int(input("enter a number"))
Enter a number

type(a)

int

b = int(input())

2

type(b)

int

a + b

"9"

* Variables:-

It is place to store our Value

Ex:- $a = 5$ $b = 10$ \rightarrow $a = 5$

$S = a + b$ a is variable 5 is Value

$m = 5 \times 10$

$D = m / 3$

* Rules

* Invalid Variable declaration

$a = 5$, $A = 7$, $num_1 = 1$, $Num1 = 89$, $Num2 = 15$

$Empid = 123$, $Emp_name = "Prinyaka"$ or $Prinya$

* Invalid variable declaration

Variable not allow to use the number in the

$1a = 35$

Start name $@ = "a@un" \rightarrow$ not allow

$Stx_id = 345$

Space not allowed.

* Data types

It is Pre-defined Component and specify the data category

Type \rightarrow int, float, complex

① Str

② Bool