

Week 2

Day 1

Variables :

A variable is
a container that can
hold something

like

Box

if can
hold everything and where
we place this box
we can access its object

⇒ Syntax

$x = 3$

$x = '3'$

$x = 3.0$

⇒ Imp

Like other language
we donot need to
specify the datatype of

thing we storing in it

if want we can check
type of variable by using
the function

`type(variable name)`

⇒ Syntax to print variable

`print(x)`

★ C.M + L for single
line selection.

• Global variable

•

Strings:

It is either surrounded by single or double quote.

eg `print('Hello')`

• If we need a particular part of string we use

slicing

b = "Hello word"

`print(b[2:5])`

⇒ it will print `ello`

Methods in string

- upper case
- lower case
- strip remove empty spaces

• replace ("Alphabets", "replace")

• a.split.



How take input

x = input("Enter your name")

• Ctrl + / \Rightarrow comment key

o a way to display string
is f string

print(f"({ }) ,")

↔

*

E

☐
List :

collection which is
order and can be changed.

Allow duplicate, member

var1 = ["apple", "orange"]

var2 = [1, 2, 5]

this list [1:2] = ["watermelon"]

List is written in square
bracket