

keyword → word
function → word()

print()
type()
input()

Rules :

Num with Num → All
Num with text → *

str with str → +, membership

Strings

① Create

' '

" "

""" """

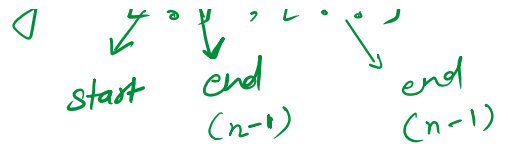
② Access

identifier
identifier[]
identifier[:], [: :]

start → skip/step (n-1)
end →

③ Operation

③ Operation Concat (+) Function



"Hello" + "World"

o/p \rightarrow HelloWorld.

Special Function

- (a) len() \rightarrow length / no. of characters
- (b) count() \rightarrow occurrence / frequency of any char/word
- (c) lower(), upper(), title(), capitalize()
- (d) strip() \rightarrow to remove suffixes / prefixes
- (e) split() \rightarrow to divide string into words
- (f) find() \rightarrow gives the first index posⁿ of a word.

email = 'uwaish@gmail.com'
name Domain

loc = email.find('@')

\rightarrow 6


email[:6] or email[:email.find('@')]

Collection Datatype \rightarrow Heterogeneous

a = (10, 20, "Uwaish", True) (different type of data)

	List	Tuple	Set	Dictionary
Shape:	[]	()	{ }	{ Key: value }
Ordered:	✓	✓	✗	✓
Mutable:	✓	✗	✗	✗
Duplicate:	✓	✓	✗	✗
Indexable:	✓	✓	✗	✓
Type:	list	tuple	set	dict

* List

① Create  list()

e.g. li = [10, 20, 30, 40]

li = list((10, 20, 30, 40))

↳
o/p → [10, 20, 30, 40]

② Access 

li = [10, 20, 30, 40]
 0 1 2 3

li[0] ~> 10 , li[2:] ~> (30, 40]

③ Operations

1) Adding an element

• append()

li.append("Narvik")

- append ()

li.append("Uwaish")

b) Deleting an element

- pop ()

li.pop("Uwaish")

c) modify

Access then assign

li[0] = 'Test'