Chapter -3 String5

Stuing is a dota type in python. string is a segment of characters enclosed in question.

1) single audud

2.> Double austed

3.> Triple austed

String Skeing

A string in Python can be still for getting a grants at lo sung

consider the following string:

=> longth = 6 name = PRANAV

018345

The index of a string starts from 0 to (longth-1) in python. In order to slice a shring, we use the following syntax

sh = name [int_Start: int_end]

first index started last index is not included.

SI EO 3] vulum PRA

AA : muuter [8:1] 12

Negative Indices.

Megative gnelices can also be used as shown in fig. above -1 cossusponds to the (lungth-1) index, -2 to (lungth-2)

Slicing with Skip value.

We can provide a skip value as a part of our when like this

mond = " amosing" in z n'

Print(c)

"Ruting = "Good Mouning,"

"Runanav"

C = greating + name

onthof; b bring (value [0]) onthof; brown [0]

* we can't suplant indexing by providing any

norme[3] = "d"

ENNOW perame it's not improvided.

Cg. Print (name [0:8])
out: PRA

69. Brint (name[4])

eg: cl = name[1:4:2]
Puint (d)

other advanced String techniques

wond = "amazing"

wond $[0:7] \rightarrow \omega$ wond $[0:7] \rightarrow \omega$ amazing"

wond $[0:7] \rightarrow \omega$ wond $[0:7] \rightarrow \omega$

* String Functions:

Some of the mostly used functions to perform operations on our manipulate strangs are:

- 1) lem() -> This function returns the lungth of
 the string.

 Len("Promos") -> return &
- 2) Shing endswith ("av") -> This function tells whether the variable string ends with the string "av" ar not of string is "Pranav", it returns true for "av", since 'Pranav' ends

Cg: name = "av"

Print (range endswith ("note"))

→ False

3.) Sturing count (c') - Counts the total number of occurrence of any chameter

eg: a = "My name is Prianav"

Print(a.wont("m")

output: 3

- 4) String Capitalize () -> This function Capitalizes
 the first character of a
 given string
- 5) String find (world) -> This function finds a truth of find and returns the index of find grund in the strung

Print (a find (is))

6.) String ruplace (old word, new world) ->
This function ruplaces the oldword in the
entire string.

Events of appropriate ofthe participan "I'

crease scalmer character combiners of more than

Eq: /n, /t, /', // > backslash