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Ch 3: strings

string is a datatype in Python which isendos--ed within double quotes.

Some methods to create string:

print ("Python" * 10) -> python will get printed 10 times

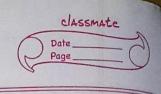
* Indering starits from O.

string slicing

This is used to get some part of a string

Syrtax: str [first index: last index]

first index-included last index - unincluded



print ("Program"[0:6]) -> Progra

var = "Brogram"

print (var[0:99]) > [no error]

print (var[1:7]) -> rogram

Negative slicing car also be done according to index in the figure.

slicing with skip values:
We use this to skip few characters while slicing.

word = "Programming"

print (word [o: len(word): 2]) -> Porming

The set of words will be skipped at an interval of: (skip value - 1).

For example, skip value = 2 > jumps every (2-1) = 1st. character

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Programming

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	Some slicing tips:-
	y wy w
	word = "Aluminium" print (word [0:]) - "Aluminium" > second parameter is by defaut length of string.
	print (word [0:]) - "Aluminium"
	second harameter is by defaut length of
	string.
	7
	print(word [:9]) > "Aluminium" > First parameter is by default = 0.
	First harameter is by default=0.
	print (word [::]) -> "Aluminium" Third parameter is by default = 1.
	Third parameter is by default = 1.
	Wie use this to stor Lung change tens while sheing.
	print (word [::-1]) -> muinimulA string gets reversed.
	string gets reversed.
0	String functions:
i°	len () -> returns the length of string
119	string isalrum() -> Returns true if string doesn't have spaces.
111.	len () -> returns the length of string string isalrum() -> Returns True if string doesn't have spaces. string endswith ("some Text") -> True if few last characters are
	"Sømi led
14.	string count ('p') -> Counts the number of times 'c' occurs.
Λ.	string capitalize () -> Capitalize first letter
VI.	DIXING LING LINST - PROLLINGS IND INDOOR LIGHTON "VOST IL LICALINT
viii.	string · lower () -> (onvert string to lowercase completely string · upper () -> (onvert entire string to upper case · string · replace ("old", "new") -> This function changes a word to
ix.	string who acc ("add" "acc") - This hasting to improved o
. , ,	in sthem changes a word to
	another-