	Chapter 3
1(1)	Chapter 3. Strings
	String is a data type in Python. String is
(_a	String is a data type in Python. String is a sequence of characters enclosed in
	quotes.
	Illa and comments to the language of the
	We can primarily, write a string in the
	three ways:
1.	Single aupted strings - D a= 'Manisha'
2.	Double aunted Strings - h = "Madhuri"
3.	Single quoted strings - Double quoted strings - Double quoted strings - Double machuri" Triple quoted strings - C = "Amitesh"
	String Slicing
	String Slicing A string in Eython can be sliced for getting a part of the string. Consider the following string:
	getteng a part of the string.
	consider the following string:
	name = Abhi" => length = 4
	0 1 2 3
	(-4)(-3)(-2)(-1)
	The index in a string start from 0 to (length-1) in Python. In order to slice a string, we use the following syntax:
	(length-1) in Python. In order to slice
	a string, we we the following syntax:
5	
-	S1 = name [ind_start: ind_end]
	first index included last index is not
	first index included last index is not included
	Inciqued
- 11	

	DATERLAND
	S[[0:3] returns "Abh" - characters from
	0 to 3'.
e e 1	The first and the first of the
Ì	S[[1:3] return "bh" - charactars from
	1 to 3.7.14 miles
	Negative Indices:
	Negative Indices: Negative Indices: Shourn in the figure above -1 corresponds to the (length-1) index, -7 to
	shourn in the figure above1
	corresponds to the (length-1) index, -7 to
\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(length-7)
	distincted - a contract of the forms of the interior
	Slicing with skip value.
	We can provide a skip value as a
	Slicing with skip value. We can provide a skip value as a part of our slice like this:
	La profesión en la companya de la companya della co
	tilak = "suman"
	4º la la C
	word = "amazing" word El:6:27 - rozn'
	word E1:6:27 - 'razn'
	Other advanced slicing techniques
	end of in the state of the stat
-	word [0:7] - word [0:7] - b 'amazing' word [0:7] - b 'amazing'
	word [-] - word [o .] - amaging
	word (Did) - amazing
ar	

	DATE:
	String functions some of mostly used functions to perform operations on or manipulate strings are:
	Some of mostly used functions to
3	perform operations on or manipulate
	Strings are:
/	
	len() function This function returns the length of the strings.
	length of the strings.
, , , , , ,	len ("Chazu") - mature 5
	len ("Chary") — return 5 len ("Miri") — return 4
	10 10 10 10 10 10 10 10 10 10 10 10 10 1
2.	String, endswith ("mry") - This function tells
	whether the variable string ends with
	the string "ary" or not if string is
	String, endswith ("rry") - This function tells whether the variable string ends with the String "ary" or not if string is "chary", it returns true for "are"
	since Chary ends with are.
3,	String. count ("C") - Counts the total number
	of occurrence of any character.
۲.	Oliver Chaling () - This final is a chaling
٩,	String-capitalize() - This function capitalizes the first character of 9
	THE TIME CHARACTER OF 9
	given String.
5.	String. find (word) - this function find a word and returns the index of first occurrence of that word in the string.
	and returns the index of first
	occurrence of that word in the string.
6,	String, replace (old word, new word) - This function replace the oldword with newword in the entire string.
	tunction replace the oldword with
	newword in the entire string.

Escape Sequence Characters
Sequence of characters after backs ash \ Escape Sequence character Escape sequence character comprises of more than one characters but represents one characters when used within the strings. Examples: n , t , letc.

newline | Single quote | Diuckslash |

Tab ale en le comerció de (2012) tamos epaintes Continue de Carindia de Carind

	DATE:
	Chapter 3
	Chapter 3 Practice Set
<u>Q.1</u>	Write a Python program to display a user entered name followed by Good Afternoon using input() function.
	entered name followed by Good Afternoon
6.2	Write a program to fill in a letter template given below with name and date.
	given below with name and date.
<u>(D,3</u>	Write a program to detect double spaces in a string.
	spaces in a string.
(A.4	Replace the double spaces from problem
	Replace the double spaces from problem 3 with single spaces.
Q.S.	Write a program to format the following letter using escape sequence characters.
	letter using escape sequence characters.
	Latters - UDama Miliana This Dall
	letter = "Dear Abhinay, This Python course is nice. Thanks!"
	Mile . Manies P