Thoughts."

Multiline strings are created using triple quotes.

```
String concatenation:
         * String concatenation is the operation of joining
            character strings end - to - end.
         * In python, strings can be ereated.
            concatenated using '+' operator.
       for example +
              Stringt = "Happy"
              string2 = "Thoughts"
              String 3 = String 1 + " " + String 2
               print (string3)
          Output:
                Happy Thoughts
*
      String Modification functions.
      capitalize () :
             Capitalazes first letter of string
        Syntanx:
                     String capitalize()
```

center () :

Returns a space-padded string with original string centered to a total of width columns.

Syntax:

String. center (width, fischar)

3) count () :>

Counts how many times stroccurs in string or in a substring of string if starting index beg and ending index are given.

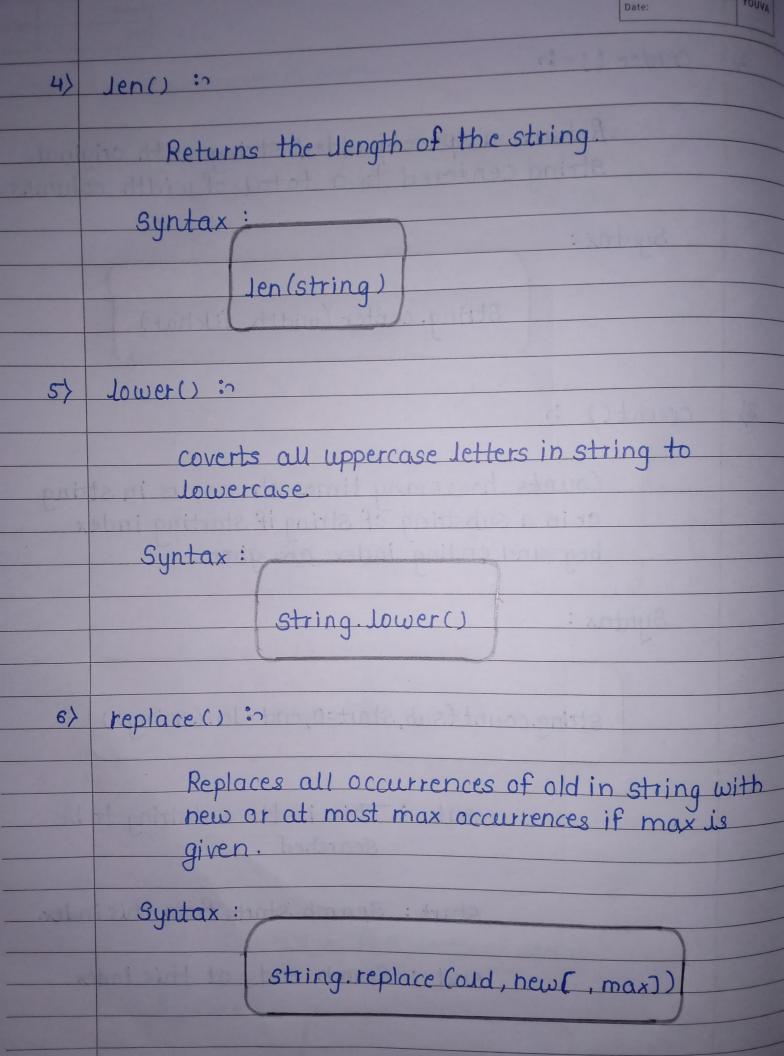
Syntax:

String.count (sub, start=0, end = Jen (string))

sub: This is the substring to be searched

Start: Search starts from this index.

end: Search ends at this index



```
Split () :>
     Split string according to delimeter str and
     returns list of substrings; split into at most
     num substrings if given.
   Syntax:
        string. split (str="", num=string.count(str)).
 strip():
       Performs the removal of extra spaces in
       the string.
                  Enthop assignment operatures
   Syntax:
           String. strip()
```

Operators ;

Operators are used to perform operations on variables and values.

Arithematic operators:

+	addition
-	Subtraction
Ja. * mirro	multiplication
1	Division
%	Modulus
**	exponentiation.
11	floor division

Python assignment operators:

_			The second secon
~	=	x = 5	X = 5
	+=	X+=5	X = X+5
		X-=5	X = X - 5
	=	x=5	x = x*5
	1=	X/=5	X = x 15
	0/6 =	X*10=5	X = X % 5
	11=	X11=5	x = x/15
	表文:	X**=5	X = X **5
	£=	6x\$=5	x = x &5
	1=	x 1= 5	x = x 15
	^ =	X^ = 5	X = X 15
	١ = (X>>=5	x = x >>5
	<< =	X<<=5	X = X << 5

Comparison operator:

1=4	equal
1 = 4 5	not equal
>	greater than
< A 411	Jess than
>= 1do	greater than or equal to
<=	Jess than or equal to

Logical operators:

and	true
Orlina	returns true when any of the condition is true
not	returns false if result is true of true

Identity operators.

may nather	true	Zem fil		>3
is	returns if both	variables	are	the
9-11-3	same objects.	491.15		

if result is false.

is not returns true if both variables are not the same abjects.

	Member	ship operators	(companies appending)	
	in	returns true if a sequence with specified value is present in the object.		
	not in	returns true if a sequence with specified value is not present in the object.		
Bitwise operator:				
	8	AND	sets each bit to 1 if both bits are 1.	
35	09 000	OR	sets each bit to 1 if & one of two bits is 1.	
	٨	XOR	sets each bit to 1 if only one of two bits is 1.	
	~	NOT	Iverts all bits.	
	<<	Zero fill Jeft shift	Shift Jeft by pushing zeros in from right and let the Jeftmost bits fall of.	

signed Shift right by pushing copies tight of the Jeftmost bit in from Jeft, shift and Jet the rightmost bits fall of.