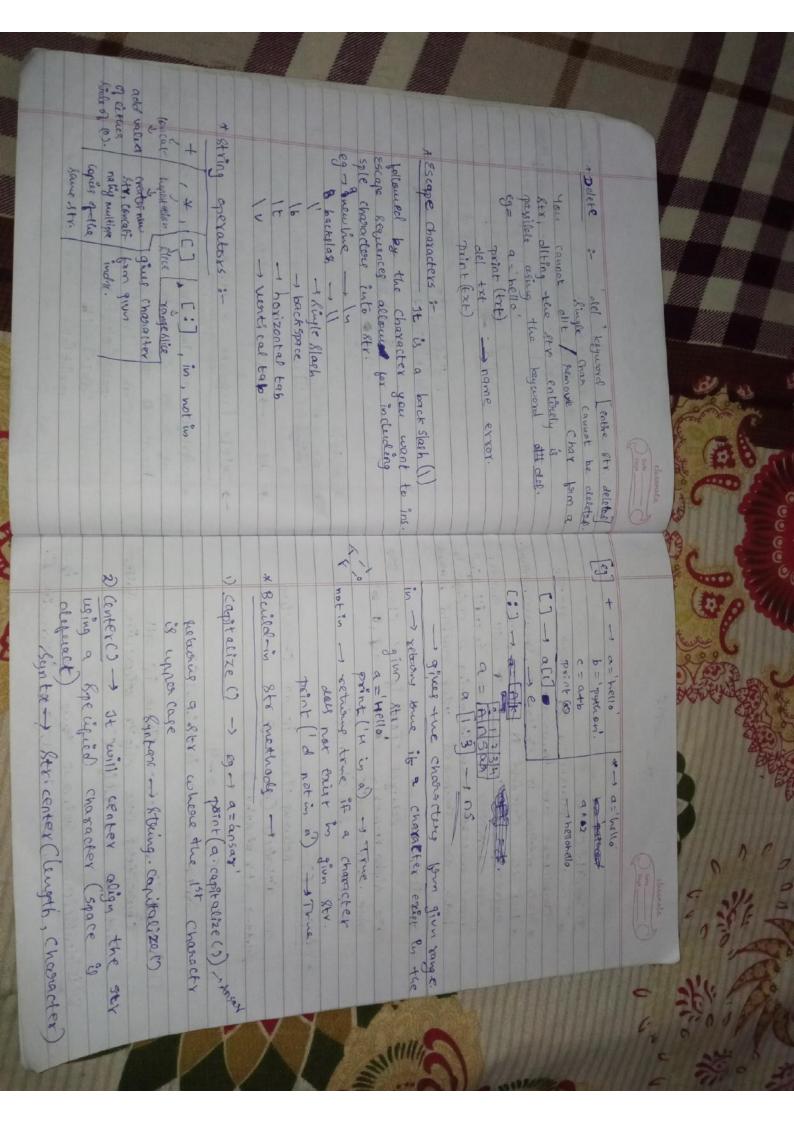
python allows -ue indering for its index ronge in Ruse an error. Index must be a int expressions Try to ancies a character out of in type tryon specify the start index & end index, - Strongs in python o-\* You can queturen a range of Charactery part of string - sticing. by using the Blice Brotax, & Sticing -Storing is immutable 3 # : Strings tigts & tuples [ 1920, - 1843) - REST print ( b [o: 10]) - ak-programz p= "ak-program Z" print (b[a:5]) - 1lo, b = " Hello, world print (a[ a]). a= "Hille world" Accessing Sulestering String appetition = [asselling] (10, 10,30) - fight. 日の語の一 Lequeles. - Delete Lupolate a Str :-\* Strings the imputable - means that elemont \* del -> 18tringy were deleted \* Jaclex \* \* a="willo" - a to and lost item to 80 our item, of a Sex cannot be changed, ance it has Traint (at [ 0-5 : -2]) ak! = " Hello, - wested!" Jorid B) assigned .. grant (ak) paint ( 1 (2:63 4 16 p at = "hello" ak [-5: -6 5 -43-2 Filto mise 1 Soxb - Jape exvor arid SOM BONDER



Disobertifier - general between tome of struige F. 6) is decimal () - 0-9 5) Malpha () -> Chasartus Charactery one digits athorning False. Monta - Str. Wisopha () \* The method is Shulas to lemes comethod.

\* The case fold is strong , more aggressive, meaning that it will convert are alpha remeric - a (4-2) and (haractors and Galnom () -Spire Characters X. both and Conversed using costfold method more metches who Companing a Etnings to Rynt x - Str. alnum () more characters to bemencase by will find Synta - str adicinal () futures a sty where all the all Characters are in Lamorcose. My Bace Co - Str. Innumenic C) there (A-z & o-9 or \_). 1) Brunderic ():-\* A Str & Considered a valid Elentiques => list operations () append () :all character own numeric. (0-9) of their sefety Ryntx -> Stris blooty is () The is space method returns true if all the Characters in string are white staces chi -) object to be appended inthelist. Ryptz -> Etr. Blamen() B. Str. is pace () Str. 15 space () Rypta -> (ist append (obj) Cannot Start with

ey print ("AK") 83) -1 (AKAKAK)	
3) Repetition :-  Rep	3 Count C :- butumes count of hus fints -+ L. Count (069) in (39+
2) (En call notion =	print(L) -> +2,3,4 -> 1 2 3 4 +2,3,4,8,12
1) length 3- point (len (th)) - 3 point (len (th)) - 3	and the supposed and the law remains of the supposed and the supposed and the law tope (8th, no)
* Basic Turle approtions:	Rest - 1 list insert pas, value)  post - non knecktying in which  position to insert the value.
L= [ plug , che , bro ]  L= [ plug , che , bro ]  L= [ int ( xounge(5)) , phy , che , bio por 1,12,234	for adolition of element at desired  position, insent () is used.  ( pos value) post position.
Sillst Artend () = It appends the contents  1. Artend () of elements	print (L)  print (L)  print (L)  print (L)  addition of elements at the end of
	CI-IGH Character Character C

O O IT	
tout can germone a particular key years.	inderseel chongelele te mordered to
print (pop (3)) Sit, 4:2 } key priction	Python click =
4	print (+ indence) 3
If the key is not bound.	Extr - stuple index (value) found,
0	It lives an exception of the value
	:- binds the
* Inclusing - { name : AR + Clocks: \$50 cs' }	print (t. count (1) ) 2
could the get mothers, where I is	uple lount (value)
Koys,	Specified value officers in a times
time to access values, line containing	OF OK
print ( d. get (name)) - John,	ACT (AT)
al = {name; aye; 20, class: 85c cs}	Dr. Comment of the state of the
	possible using the using the key word
	deleting a tuple enterely
reg - Ak = { ab : 15, cd : 20 }.	that also means you cannot he move
the a allet, keys with must be	a tiple in a tiple

Chasewite Onto	Chassewitz.
This nethod greances as item with	S) Soxted () -> getwin a new Easted list
* pop item () used to greance to gettion	
The street of the state of the street of the	Drint (Ieu (AR)) -> 3
* > 11 the êting can be gremoned at once	Janes Clark
4	-> Pict methods =
you can also use the del keyword	clear
puttous affect itself.	e) robby - robby of the order.
RA	c) get () = netrong value of specified key.
5= 11:1, 2:4, 8:9, 4:16, 5:25 }	
print (5-707 (4)) -> {+:1, 2:4, 3:9, 5:25}	=) Sets = 13
1	
	of items. (no including it plusing)
del s [2]> { 3:9,5:25}.	* Every Pleaset is unique (no districtor)
is clean ()	the pulse of months is mutable you
-	(an actol fremous items from it.
> Build in () =	institute ( ).
of skay me it and the following of	& sits can here any non of elements be they
dict one tome (orighte diet is empty)	reg - set = {1,2,3}.
2) and ) - Sections T it amy key	print (set)
of dict is T, if the orien is empty	* Set () -> x stx (an be parted to set ()
June 1	eg - # Ket ob, Chr fam Str.
3 len () - s protessing the length.	Drint (AK).
a compl) - Compasion items of 2 chil.	* Set (sex) generates a set of chars in Str.
(Compare)	

Dane Chassoute	Interestion   1
-> Actessing & Changing Ret =	-> Set operations =
ack(C) =	
you can add a single elemat.	Set of all elements from both sets.
* worlasse () =	- In pythou, wish is performed
you can acted multiple element.	-> Sauce Can be accountly head
It can take tapies, lists, stx other	Ising union()
Sets its asymmets.	-> 69 -> A = {1,2,3,4,5}
Set = {1,3?	8= 15,6,73
print (set)	- Wind My Called Co.
	Print (A. Unigh (B)) -> y
print (Set)	
ackl multiple element -> Ret. upobte ([2,3,4])	2) Set intersection - Intersection of A 4 B & a let
print (set) - That I have	of elevents that are burnous
54666	Sets.
-> Recovering elements from set -	-> eq => print (A MB) -> {5}
* A particular claw our be premoved from	by using intersection()
Les using discord () & gremone ()	
using distance of the the item does	
not brist in the set it humaines	
un changed, but gremone (2 will lige	
an error in such condition.	the brown of the bound of the b
	chippenince ()
Print ( set - clis (aprol (4))	A C9 - Trimb (A-B) -> {1,2,34 500}
point ( Ret genoue (6))	
1 { 1,3,5}	

	Para dissente
-: (1) m- ppms 338 +	Ot : truckers
031160	*()
2) any ()	× () is an organises, gaugalate
3) (640)	Self-Contained prom segment that rassing
5) 2000	to () contained it into the tage.
O Rum().	where it is according to the
	* 3 types of () ->
	a) python building ().
	b) user defined ()
	* () elemnts name.
	passame output - sxtmercal.
	· Sections type. Justit type.
	ex - def may ():
	print (" valle #
	Descar Contraction of the contra
	* pass presentes - counte ()-
	eg - of most (nome).
	print " Hollo" + name
	300 (P#)
	a) abs() I absolute value of a war. The
	ary way be an int Hoar.
	Rypta - abs(w).
	$eg \rightarrow int = -20$
	print abs line

Char cuith except char.  eg - (a-(a))  An - ag ci (b)  An - ag ci (b)  Share (a) is (a) (b)	The any Compace of the any (Compace of the any	DAILO - Hes acce - list, tuple societ lettoms of if all items in an itemate one of itemates of itemates.  The traces accy is empty - fection. To all (itemates on fibro one of itemates on fibro one of itemates on fibro one of the one of itemates on fibro one of the
f) Coupless Or print (chr(1)) - a  spl cifyling a feed now by  spl cifyling a feed now sp  sp cifyling a feed now sp  sp cifyling a feed now s	Show Show	Specific ob  Prefix ob  Prefix ob  Print (bis (h)) -> ob 11 0110

A = ites [ apple ; bangua ]  The next (A)  Think (out (int)) -> copple  Bounding  Bounding  Bounding  Bounding  Bounding  Bounding	15) next() -> print (men(AK)) -> 16	Shar a list obj.  Shar max (iterale  max (iteral)  Ak = (1,2,3,10)	1) (en() -> non of others in an obj.  1) (en() -> non of others in an obj.  1) (en() -> 1) (en() (obj.)  1) (en() -> 33  Paint (un(1)) -> 33	8) did () - Guates a click of assure
office the stratute to frequence.  - function of extistion of the leave.  - face - ascending.  - face - ascending.  - clefault - factor.  - clefault - factor.  - factor.  - clefault - factor.  - sold (1.5,3,0)	33) Sortal Sortal (iterated, key = key)  A iterative - speequined. The dequence to	chights - aptencel the way roundly the use why roundly to use why roundly the use why roundly the use of the u	19 print() 20) Kange() - paint (paint (4,2)) - 16 20) Kange() - paint (paint (4,2)) - 16  19) print() 20) Kange() - paint (paint (4,2)) - 16  19) print() 20) Kange() - paint (paint (4,2)) - 16  10) print()	1) ord () - tens code (has.  8/2- paint (ord ('5')) -> 53.

from most impost 89st, lag  fr
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