reel [2] obj	ectives:	1101	101 1 -01 1	1. 5 1. 547
		about fundions, Da		
	erior	handeling, files in one	flootput, condon	numbers
10				
video 21	0.1	("51	1000	
Cal	lection lists		, changeable, dup	liedes 1 1: too
	sets	2 g unordere	d, add/remove	, no duplicates
	Tuple	() ordered	, unchangable, du	plicate, faster
med		(-g-)4	°) 919	
Verme Hols	append (		sort()	-pop()
we )	· remove 1	) remove	· reverse()	for set remove first
sic )	.insert(	) add at index	· clean()	element
			.count()	
			Olimbia.	
ideo (22) p	Johan shapping co	art program s	elved V	
		. 0		Mary Colonia
ideo (23)			to present	use 2
	collection	listname [ ][]	nested	for loop
		You column	m	Real
	( has + 10)	num ped exercise	for collecti	onl in colldin 2D:
			for coll	lection 2 in collection 1
HINGS OF	4.0	Santoda, has	Pri.	+ (collection2, end="
		al Tude	print()	
	( surative )	71		
	-10	ython solved	Page Grand 1	1.0 10 de
1 6 1	z game with p	Johan Sayez	an 9711mm	into 60 1
ideo Edi din				
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		ib. 12 + 164		

video (25)	
Dictionaries collection of & Key: value & pairs	
ordered, changable, no duplicates	
medhods	
get ("Key") return value if Key Found	
The shop of many last E. N. J. B. + 1 M.	-
ount date	
updorte ({ Key: volue}) replace	
· Pop ("Key") remove	
· popitem () remove lastest item	Sec
Temes sever men	
olkeys () get the Keys in a list	1
· Values () / He volues	****
eitems() get the pairs in 20 list	
	-
video (26) python concession stand program salvel	
	1
video (27) 1 Later FIT James 121 mitallas (10)	
Mandom numbers import random	
random vandint (start, end)	
pick from range	
random choice (listname)	
Vandom . shuffle ( listname)	
video (28 ROCH PAPER SCISSOR game solved	
video (28) ROCK PAPER SCISSOR game solved video (29) DICE ROLLER program	di
video (30) encryption program	
chars = string. punctuation + string. digits + string. ascil letters +	
of the state of th	"

video (31)	
functions a block of reusable code	
a block of reusable code	
A STATE OF THE STA	
def function name (parameter):	
return	
	Alexander
call function name (variables or values)	
call function_name (variables or values)	
riden (32)	
default arguments	
parameters can have defaut value	
dal Triantina ( V = 6 )	
uideo (33)	
Keyword arguments arder of arguments doesn't matter	
at cally it	
functionall ("Nolle", title = "He", last = "Taker",	First ="
video (34) (4xt11-11-11-11-11-11-11-11-11-11-11-11-11	
A C D T C A D W O C W O C D C C D C C D C C D C C D C C D C C D C C D C C D C C D C C D C C D	. 4-
ARBITRARY arguments tangs multiple non-Key arguments	menus
de junction ( # algs)	
** ** Kwargs multiple Keyword-ar	gument
redice the sale and the sale and the	
video (35)	
modules import bultin-modules as shortname	
from mall import pi	
you can add your own modael	
with impart filename	

video 36	
variable scape variable is visiable and accessal	le
scope resolution "LEGB"	
local a enclosed Global	Rus
	- Carl
video (37)	
exception handling	
try:	0
1 5 1 4 2 1	100
except Exception: Transport Handah	
else:	
exse :	-
	(28)
video (38)	
File detection import as	
tile detection import as	
as path exists (path) path = "-11-11-11-txt"	1093
at more disdictable some some possessions	
video (38)	
reading a file with open (path) as file:	
print (file read())	63
closed automotically often	
these anamotically often	
The state of the s	

rideo (40)	
video (40) write a file	with open ('path', 'w') as file:
	file. write (text)
	w for overwrite
	a for append
1. 0	
1000 (41)	
capy a file	import shutil
	shutil. copyfile ('source', 'destine')
video (42)	
move a file	import as
The second second	
	os replace ('Source', 'destina')
video (43)	
remove a File	import as import shutil
	os remove (path) don't delite empty folders
	OS smdir (path) don't delete folder with contain
	* shutil-rmtree ( ) delete a folder with antoins