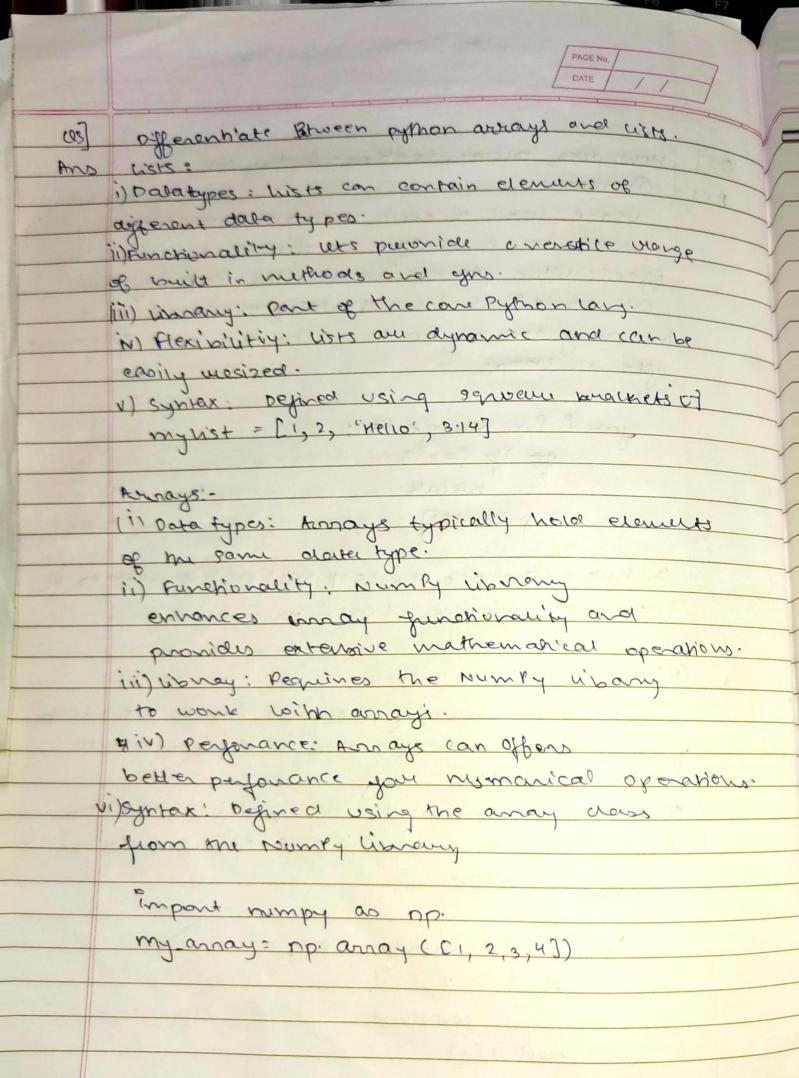
Athania Yadan 823-127

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Python Wuitten Assginment 1.

	ALM THE TANK THE PROPERTY NORTH OF TAKE
0	Key Features of Bython.
	1. Fure and open source:
	Rymon language is freely available at me oficial
134.8	website and you can download it from the given
	the website.
	Deary to eads:
	Python is a high doubt purgeraming hanginge
	pymon is very pacy to leaven the language as
	compared to other hanguages as compared
	to other long like (, C# , javascript.
	1 Easy to Peacl.
	As you will see learning python is quit simple
	Python's syntax is really straightful would.
	@ object oriented programing.
	one of key features of python is Opp's
	Fython supports a classes, object, encapsulation
utó	(a) Cour perograming supporter
	and can be made using a module such as
	Pyot, Ta in python.
	Durger renel language:
	Python is a high hered pur longuage. we donot
	need to viemember the system auchitecture, nou
- id	do we need to manage the memory.
	(9) hauge community supposed.
	Rymon has geined popularity over the years, our
	que tion are constantly answered by the
	enoumous stack overflow community
	(8) tasy to sebug. Excellent information you mistake
	tuacing. simply by glancing at the wall, you can
	determine what it is designed to perform.

lings unat is python namespace? explain hocal, alobal and built in namespace on outail. en python a namespace is a container relds a set of names and their warresponding objects preventing varning confits . There am three main types of namespaces. Log holde, gobal and built in. Anocal Namespace: iscope himited to a specific function ou brock of code. (ii) creation: created when a go. is called and distroyed when by for exists. in Access: contains weal vaurables, parameters and tempony variables used within the for @ blobel Name space: a scape Encompasses the entire module ii) ouation created when The soupt our module is executed and lasts until the purgeram tenninetts. (11) Access Holds global variables and functions that can be accessed from try 3) Butt in Namespreces: i) Scope inherit to python itself, containing builtin for and executions 11) Automanially available when python starts. (III) Provides access to built in Jus , line I and built in expections like Type turnor



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AND (D) Bulak:

Usage: used to exit a wop permaherely

Spect: When to encounted me woop (eg fang

our while) is immediately termined and the program continues with the next statement after the coop.

your i en varge (5): pointei)

In mis example ou coop wil perint values o,

@ continue.

for the mest of the code invide & a loop.

for the ourment iteration and proceeds to

Next iteration.

ignoring the occurainty wall growthy would grow the

fau 8 in rearge (5):

1 9 == 2:

continue

peint (i)

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Nove	Acets as no pperation statement
* 4.00	Used when syntactically som cocer is inay
-910	but no appion is desined.
101	and every one and every bus
300	Jour in vange (5):
No. of the last	P== 2:
	pess
	en else in sont about a dioid tent
	exercipation is pared Vid thing a way blees.
	Benego North Sala No de system de tosse
	Describe the common built in data types:
	in python is a series and a good with
	(i) integers ('int'):
	used to supresent whole nos.
- oil	Examples X=05/20009 on 18 ishald asla
	(11) Floating point nos. ("groat"):
	used to supposent decimal on greating.
	apoint nos. I restructed the said world
j	dit strings Catri?
4.5.47	used to inepurement seq of characters (text)
	Example text = "Nello Python":
Ċ	N) & Boolean (pobl):
most of	Represents either Trive ar false!
	often used you begical comparisons:
("	1) USIS.
	ordered nutable seg of ellements.
	in ruples: andered, Immutable. Seq. of
	country.
1	who are
,	alas of the state
	11 3 day ans 22 man and 2 the way