

Assignment

Numeric: - 1

Integu:-

- Complex numbu:-

humber

- Float :-



2 Briefly emplain history of frython.
In the later 1980's and its implementation
Was started in December 1989 by Guido
a succesor to ABC Capable of exception
handing and interfacing with the
With the Amorba opelating systems.
Python N.D was released on october 16, 2000
With major new jeateres including a
Cycle-detecting garbage Collector 108 memory mangement and support for
Unitode.
P. H - 2 0 0 marin 1 - 1 - 2 1 1011
Python 3.0, a major bartwards-incompatible reliase, was reliased on December 3, 2008
after a long period of teeting. Many of it
major feature have also been backported to
tue backward-Compatible.
Explain all the Operators in python:
Python operators.
Arithmetic Operators:-
Arithmetic Operators are used to perform mathematical operation Like
+, Addition, -, subtration] Multiplication (*)
Division (1), Floor Division (11), Modulus (%), Power (* *)
Today (1)

ii	Relational Operators:
	Pilational Operators Compare the
handa y	Values. It either returns True or False
Tree Line is	auording to Condition
	Greater than (>), Lu than (<) equal to (==)
	Not equal to (1=) Greaty than or equal to (<=)
	equal to (>=) Vivitua is or equal to (<=)
	equal to Cray territoria
₩, ',	1/0001 0 00 01
) logital operators:-
	A 2 . A 2 . A 12 .
	Logical operators perform.
<u> </u>	, , , , , , , , , , , , , , , , , , , ,
	-> Rogical AND (and)
	→ Xogical AND (and) → Xogical OR (ox) → Xogical NoT (not)
	-> Logical No! (not)
<u> </u>	•
Liv)	Bitwise Operators:
. 1	Bituise opuators acts on bits and Pylorns
	bit by bit operation
	0
	Bitwise AND (2) - Bitwise XOR (X^Y)
1	- A
	→ Bitwise OR (1) → Bitwise right shift (>>) → Bitwise NoT (~) → Bitwise kept shipt (<<)
4)	Assignment operators:
*/	
	Miques to Doug And On word to One
	Augument operators are used to arrigger
(, ')	yata to radiable,
	= + , , , , , , , , , , , , , , , , ,
MALE VALUE	= $+$ $=$
	(=) Asign value -> multiply AND (x=)
	Add AND (+=) -> Dévide AND(1=)
基	- Subtlact AND (==) -> Modules AND (90=)

	A second
The same of the sa	
	Divide (poor) (11=)
	-> Exponeral AND(**=) -> Preforms Bitwise AND (%=) -> Bitwise DR(1=) -> Bitwise Right shift (>>=)
	Pryorms Bitwise AND (90=)
	Bitwise DR(1=) -> Bitwise Right shift (>>=) Bitwise xOR(=) -> Bitwise dept shift (<<=)
	+ Bitwise xOR(1=) - Bitwise dejt shift (<=)
1	(i) Special Operators:
4	There are sprial type of operator Like:-
-	sa con special type of species
-	•
1	i) Identify Operators:
1	
	and unot are the colertify operator
	both are used to their if two values one
	both are used to there if two values one dolated on the same pour of the memory.
	is - True of the opening are Identical
	is not -> True if the openinde one rot columbia
,	il) Munbership Operators:
	ass turns as a second
	in → True if value is found in the
	in -> True if value is found in the
	Sequence. Not in → True if value is not famol in the sequence.
	not in - True if value is not jano in
	tre Equence.
4	
A.	Enplain the patire of Python
- 11	
Λ.,	Python is a dynamic high level, free open source and interpreted programming danging. It supports object toriused on well be proceedinal oriused programming.
AMA	Typinos. Di di di marte di trocomo in a Monseson
	Source and interpreted programming
	. It Supports object to musico de mui de
	procedural oriented programming.

Par Para	Date Page
	2 - 141000
	Features in Python.
	-, tasy to Goole-
	Free and Open Source
	> Object - Oriented Language
	-, Gul programming Support
	-> High devel dangvage
	-> Edusive pature
_	
	Python i portable language
- 1	<i>U</i> : 1 3
	python is integrated language
	a tuli met al Navanna
_	- Interpreted language
	Large standard Library
	> Dynamically Typed Janguage
5_	Justify Why python is Enteractive interpreted
	dailgrage
- Aus	Python is an interpretted danguage because python
	Python is our interpretted danguage because python code is executed line by line at a time.
	they is no need to compile python wale this mater it ease to debug. The source code of
	maker it lasks to debug. The source coole of
	python is Converted into an immediate
1-3	form caud byte Coole.
The same of the sa	