

data : tenus, not necessarily of the same type, put in Paranthesia. type () function: example enter type (1234) in python shell & it will indure the first which make which will make the first will make the first type (1234) in python shell & it will indure the first which which we will be the first to an integer value. Deplain briefly about Hintory & Python! D'Python in a general-purpose high level programming language. It is an open source language released londer a composible licence python hoftware toundation (pur a mon profit organization, holds the copy right of python on the late 1980s. The Van Romon conceived python in the late 1980s It was released in 1991 at centrum wiskunde and Informatica the named this language after a gopular Comedy show called Monty by thom's Flying circus Cand not after python- The Anake) In the last few years, its popularity has increased immen According to Stack Overflow com's recent survey, pythonis in the V-top-len Most popular Technologies in 2018. 3 Explain all the Operators in python:) Comparision and logical operators in python. The Comparision operators returns a boolean either True or false Assuming that n=10 and y=20, the nexult of the operators in also given in the following table

C	ceralor	Penciption	trample
1	7	True if the left operand is higher than the right one	777 7 59 Falk
36	1000	higher than the right one	m 14
11/3	1	The it the left operations	True
	to the second second	lower than the ing	777 x== 4
are .	22	True if the operands are	falm
	3000000	equal	
	1 7	rue if the operands are no	t 777x = 4
	7	equal	True
	#	unif the left operand in hig an or equal to the right only	falm
	7-	ue if the left operand in low	
1	+l	ian ore qual to the right on	
и	Logical operators in python.		
1	The following keywords in python combine two Boolear		
в			
в	Supremion. They are called logical operators. Two operands		
4	should have Boolean value True or False. Assuming		
1		y= Falm	
1	operador	Perscription	Example
	and	True if both one true	
ш			Enample.
ш	O	True if at least one	7777 01 4
		intruc	Truc
Ш	nort	Rebord if Aleast one	
и		Return's True if an Supremion evaluation	777 x 2001
		falm & vice-vena	x Falm.
	*	1 sates a sall	
Compaision & Logical operators are assell in controlling			
	flow of program		

Explain the features of python in py There are many features in python, some of which as disumed (tany to code 19 thon in high level programming language. Python is very easy to learn language to other tike c, cy Java script, java etc. since, it is a open source, this means that source 1) Free and open source: code is also available to the public. so you can download it on use if on well as share it one of the key features of python is oop. python (8) object - oriented language Supports object Voriented language & concept of clames etc (a) GOT programming Support Coraphical user Juterfaces can be made using a module such as py ofs, py ofy, wx python or The in python. python in a high level language when we write (5) High level language: programs in python, we do not need to remember the System architecture, nor marige memory. 6 Extentible Feature language integraled python is a Gensible language because we can easily integrated python with other language like c, c++etc. @ Extensible feature .python is a extensible language we can write our same python code into c. of c++ language and also we can compile that code in clett @ Portable language: If we have Python code for windows and

if we want to run this code on other platform see an Linux, unix and Mac then we do not need to change it, we van this code on any platform 6 justify why python in interactive interpreted language A) 74thon is an interpreted language, because python these code is executed line by line at a time, like other language c , c+t etc there is no need to compile python code thin makes it carries to debug a code. The Source code of python is converted into an immediate form called byth code