Assignment -2

10) What are the data types used in Python)

Numbers: Number objects are created when you assign a value to them.

string: Theses are the sequence of chorocters enclosed in single or double quotes.

Lists: A list contains an item which ove seperated by comma's, and enclosed within square brackets. [7]

Typles: A tuple contains a list of items which ove seperated by common but ove enclosed in paranthesis Eff.

Dictionary: They consist of key value points and dictoinary key can be your any type but are generally numbers or string. These are enclosed in curly braces.

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20) Briefly explain history of python? (1) octasors was they year where working on Python storted. It was to Soon ofter Von Rossum began working on it's application of 1989 at CWI which is in Neatherland · The python programming longuage was succeded with ARL programming language, which has an interforing with Amoeba Os and hool the fearure of exception a The name python was taken actullary from a TU show I Monty Python's Flying circus's as he was a very big ton of that TV show, and he also needed or small mysterious name herre he selected python. · This longuage was tinally released in the

Its main objective is to provide rode realibility and advance developer productivity.

The second secon
(30) Explain all the operators i'n Python?
Authoretic operators : inse opriolous ove generally used
to perform unthomation
Devation.
11- Addition, Sub, Multiplication, division Mand
Ex: Addition, sub, Multiplication, division, Moduly, chr.  Assignment operators: Generally
Assignment operators : Grenevale.
Assignment operators : Generally used to ossign a  Value to a particular variable.  Ex = 125.
Exit 1255. If you is a povered 4 of a
Comporision Operatoris & These are used to compove
to values.
Ex & Equal Not equal French Use
mil a stay of stay of one yellow
ingital sperators ? brenevally used to combine
logical Operators : brenevally used to combine condition statuent,
Ex! AND, OZ, NOT.
AND - both true molant willow
OK - alleast one of them is true
Not-Reverses the result.
Bituise operators: Thise operators are used to company binory numbers.
pinory ampers.
Exi AND(S), O8(1), XOR(n), NUT(-1, etc.

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40) Emplain the features of pythou? (A) Following over the Features? (1) Eosyto leon & use = Python is very eosyto Expressive longuage : It is more underston. doble and readoble. Cross Platform longuage = It is a portable language it con be used in diff à multiple platforms. @ Object oxiented dans ? Python supports Object oriented long, concepts of dosses and objects come into existent Entensible: The code is casy entendable by adding multiple frontures. (i) Integrated? It can be easily integrated by Co CH & Jover.

(50) Jastify python is on interested language?

Python is interactive - You can actucally sit at a Python promt and interact with interpreter directly to write your progret programs. Python is object oriented that erropsulates program with objects.