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Carrier to the control of the contro What are the data type in Replace ? Explaine The types of data west are used in pythonous. * Number: Mimente value are Morad and python · sent (element start)

- in the California with the contract of the c tong (wind for high mange of values) - feat (well to store florting point values)

- complex (used to othere complex number)

*) Obtains: The orthing can be defand as the sessionese of scharacter suprimental in onlighe or double or striple quitationsem de Example: hello world?

+) flet : det an delilar te away in C. However, the till contain data of different types. The Eterne street in the left are exequiated with a comme and milmed with it the square brackets[]. De eau me cille. [1] operatou to acces the data of the List Eg: 1=[1,"h"", "Pythou", 2] to the same of the

x) Suple at taple is subsider to the let us many ways the this, Tuple also carbain the collection of the skew of different alaba types The wollation tuples are superated with a norma ()

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of python, 2) PES

* Dictionary: it is an ordered set of a key-value paise of steur. It is like an associative array. Key can hold any Pourittee data type where as value il an arbitary python object. Eg: d= {1: 'Jimmy', 2: 'Alex', 3: John's punit ("184 name le "+d[1]) ! op 1st name is fromy 2) Buiefly explain whotony of Python? dy Python is a widely wed, general-purpose high-level programming language. It was unitially disigned by Guldavan Rossum in 1991 and dweloped by python reftware foundation. It was schullarly / mainly developed for emphasis on code acadability and its syntax allows programmers to expues concept in feuer lines of code In the late 1980bs, history was about to written. It was that twee when working on python oftasted. Moon after that, Guido Van Roseum began doing its application based work un december of 1989 by at centrumuiskunde and Informatica (cw 1) which is returated in Netherland. It was estanted fruit as a hobby project because he was looking for an intracting sprofert to keep him occupied during christmas. The programming language which python is waid to have ducceeded is ABC programming language, which had unterfacing with Amoeba Operating Objeten and had the feature of exception handling. He had already helped to create ABC earlier un his career and he had dome weres with ABC but liked most of the features After that what he did as neally very clover. He had taken the cegutax of ABC, and some of its good features. It came with a lost of complaints doos do he fixed those issues completely and had created PES

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vii) Extensible - it Replie that other languages such as
Litt can be used to compile the code and thus
with the west butter all our putton code
Norge absorband Abrany - python has large and broad
1899) darge absorband Abrany - python has large and broad broad library and provides each art of module and function
IN) GUI programming support - Gui con be dueloped ming
X) Sutegrated - It can be early untegrated with language like c, c++, Java etc.
5) Justify why python is interactive unterpreted language because unter CIC++ etc. author is an allegented language because
Ay Python is an interacted will perted language because
pysinon is an unapulled Ubjected
Janguage . By well herelid it
o program is our the stand
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code of python is converted into an immediate form