Tython Work Shop -Assignment - 2 what can the data types of in python? Explain. integer : Dositive or negative with a flooding print . Represents are the integers datatypes . . Pr python Flact - Any real number with a Floating Print Represents in which a Fractional component is denoted by a decimal symbol of -viscintific notation Complex Number: A number 1-17th a Real and imaginary component Représented as nivi, it X and y are Floods and 1 15-11-1 Booleon: Doda with one or two built - in-row True or false Motice that Trand f one Capital True and False are not valid, boolens and python will throw an error for them string: A string value is a collection of one or more characters put in single, double on triple quotes lists: A list object is an orderded collection of one on More data Herry not necessary of The same type put in square, brackets soture provide a mile

The: while opposed in ou are of one as more data item not necessary of the come types put m paredless * Bookly Coppin - the history of Pfothon? Posthon has Gooded by Guido - von Rossum in 1980 to 1990 th blas a member of the national Research institute of Hathamatics, and Computer Science instially of 120: designed as a Respense to The ABC 11 Programma language Las That Python had; Expectation handling and Into: tageted for The Ameobo operating system. The name python is named . . From the Ballish TV show riordy python In addition to Exception handling , Python included classes , ! lists and strings Operator in python are Adhemotic Operator Relational operators logical operator Membership operator

Identify operator Bit Wise operator * Asithmetic operator are addition, Eubration, Multiplication, Division, Floor division, Modules Exponetion * Relational operators are <17,4=17=1=== * Assignment operators one += 1 -= .1= ,+=,1= * logical operator are and ias , not * Membership operator are in notin * Identify operator are is. isnot. * Bitwise operator are Tsinary and (2) Binasy (cold) Birany XOR(A)~:46,37 Explain features of Python? Casp-lo code Free and open Source object oriented language Qui programming suppost High - level longuage Extensible Feature Pothon is postable language Popthon is integrated language large standered liber library

Depramically typed language

Justing why pathon is interpoted onguage? Onlike class etc. python is an interpeted object oriented programming language the compiler which is a compiled programming language The Compiles toonslates The whole code in one - go rather Than line - by - line this is the Reason why in clanguage. all the conors are Listed during complication only S. in your i are along - in the in a and it for the mandage of education 1 The tory of the Friday or of out stant of a start you and to the grater is onthe ;