PYTHUN WORKSHOP-02

Assignment - 02

- 1. what are data types m python? Explain
 - *Integen: Positive on negative whole numbers are
 the integen data types in python
 - * Float: Any neal number with a floating point

 nepnesents in which a Fractional component is

 denoted by a decimal symbol on sceintific
 - * Complex number: A num with a real and imaginary component represented as xtyi, X and y are floats and i's -1
 - * Boolean: Data with one on two built in values

 Thue on false notice that Ton Fane capital

 tune on False are not valid because python will

 throw an enmon fon them
 - * strig. A string value is a collection of one or more characters put in single, double and triple quotes.
 - * list: A list objects is an ordered collection
 of one or more data items not necessarily
 of the Same type put in Square brackets.
 - * Tuple: A tuple object is an ondered collection of one on mone dates items, not necessarily at the Same types put in pananthesis

4. Explain Featuries of python?

Easy to code

Free and open source

Object oriented language

GUI progeoming set

High-level language

Extensible Feature:

Python is portable language

Python is integrated language

lange standard library

Pynomically typed lauguage:

5 Justifly why python is intemprated language

unlike clott etc. python is an intempolited object oriented programing language. The compiler which is a compiled programing language. The compiler transulated the whole code in one go mathem than line by line. This is the reason why in a language all the errors are listed during compilation only.