	PYTHON WORKSHOP
	ASSIGNMENT -02
1 .	what are data types in python ? Explain.
	ontiger: positive or negative whole numbers are the integer batatypes in python.
	· Float: My real number with a Floating point represents in which a Fractional component is denoted by a decimal symbol or scentific notation.
	· complex number: I num with a real and imaginary component represented as X+yi, X and y are Floriti and j is -1
	Boglean: Data with one of or two built-in-value. True or False volice that I or F are capital true or False are not valid because pythod will throw an error for them.
	string: A string value is a collection of que of more characters put in single, double and triple quotes.
	of jest one or more dota items not necessa- eily of the same type, put in square brackets.
	· Type Tuple: A tuple object is an ordered collection of one or more dates items, not necessarily of the same types put in paranthesis.

2	Explain Breifly the history of python?
	python was created by guido uon Rossum in 1980 to 1990. He was a member of the national science Reaserch institute of mathematics and computer science intially it was designed as a response to the ABC programer language was that python had expectation handing and was targeted for smeoba operating system. The name python is named Exerm the British To Show monty python. In additions to exception
	handling python included classes, lists and Strings
3.	Explain Operators in python?
	· Arithmetic operators are addition, subjection, multiplication, pivision, Floor division, modulue, Exponetion.
	• Relational operators: <, >, <=,>=, == ;
	• Assignment Operators: += ,= ,-= , *= , /= , /= , /= , /= , /= , /= , /
	· comparision operators : == 1!= , > , < , <= , >=
	· logical operators = and, or, not.
	· membership operators: in, not in,
	· Bitwice operators: 8,1,1,0,22,>>

4	Explain Features of python?
	Easy to code
	Face and open source
	Object oriented language.
	GUI programing set-
	High-level laugnage.
	Extensible Feature.
	python. is portable larguage.
	python is integrated language.
	large slandard libeary.
	python is integrated language. large standard libeary. pynamically typed language.
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	justify why python is interpreted language
	unlike c/c++ etc. python is an interpelled
	object oriented programing language. The compiler
	which is a compiled programing burguage. The
	computer transmates the whole code in one - so
	sather than like by line his is the reason
	why me tringmage all the errors are listed during
	completion only.
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