PYTHON TRANING 10/10/2025

* Python is a high level interpreter programming language.
* It is simple and easy to use.
* It’s data types is int, str ,float, list, tuple, set, dict.

Python is a proper programming language.

What is python?

Why python is use?

What web site can create in python?

Comments can be use to explain the python

Comments can be use to code create which readable

Comments can be used to prevent the execution when testing the code.

Variables:

Variables are container for storing data values.

Creating a variable:

* Python as no comment for declaring a variable
* A variable is created the moment the first assign a value to it

X=4,

Y=Nandha

Print x

Print y

TUPLES:

* Tuples are used to store multiple items in a single variable.
* It is one of a built in data types which is use to collection of data.
* It is collection of order and unchangable
* Tuples are return with paranthessis.

Ex: Create a tuple-fruit

TUPLES ITEAMS:

* Tuple items are order and unchangeable allow duplicate values.
* Tuple values are index 1-0,2-1,2-2,3,4 etc…

TUPLE LENGTH:

* To determine how many items the tuple has use the len function.

Ex: tuple name=tuple(apple, banana, cherry)

Print(len(tuple name))

TUPLE ITEAM DATA TYPE:

* Tuple iteam can be any different data type

Ex: it can be string, boolean, integer.

ACCESS TUPLE ITEAMS:

* You can access tuple iteams by infering to the index number inside the square bracket[ ].

Ex: create a tuple with 5 strings.