1) What is dictionary? Explain with example

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Ans :- Dictionaries are other example of the data store structure. A dictionary is used to map or associate things you want to store keys you need to get them. A dictionary in python is just like a in the real world. It is defined into 2 elements Keys and values.

=) Syntax for python dictionary

Dict = { 'Tim' : 18 , 'ayz' : 24 }

Properties of dictionary Keys :- There are 2 types Keys. More than one entry per key is not allowed.

Dictionary keys are case sensitive:- Same key name but with the different case are treated as different keys in Python dictionaries.

dict1 = { 'tim' : 18, 'charlie' : 12 , 'tiffany' }
Point (dict1['tiffany'])

=) Dictionaries in programming language is a type of data structure used to store information connected in someway. Python dictionary are defined into 2 elements Keys & values.

(1) Keys will be single element values can be list or list within a list, numbers etc..,

(2) More than 1 entry per key is not allowed.

(3) Values in dictionary can be any type while keys must be immutable like numbers, types or strings.

4) Dictionary keys are case sensitive. Same key but with different case are treated as different type in Python dictionaries.