

UT-02

- ① Explain `get()`, `items()`, `keys()`, `values()` Dictionary method in python.
- ② Explain `join()` & `split()` method.
- ③ Difference b/w list and dictionary.

① `get()`:-

Dictionary has `get()` that takes two arguments. The key of the value to the return and a fallback value to return if the key doesn't exist.

`keys()`:- Each item in a dictionary is accessed by a key value.

\*

`items()`:-

② `join()`:- A method in python which is used to join the two string.

Eg:- `Hello! Eddie.join()`

O/P:- `Hello!Eddie`

Eg 12.

```

name = input('Enter your name: ')
name.join()

```

O/p: Enter your name: Alice Kate  
AliceKate

Split(): This method is used to split the strings.

Eg 1: ~~name = 'This is Eddie'~~  
'This is Eddie'.split()

O/p: This is Eddie.

Eg 2: ~~name = 'Kate Alice'~~  
name.split()

O/p: Kate Alice.

③

List

\* List is a variable that has multiple values passed inside it.



Syntax:

variable name =  
['value1', ... 'valueN']

\* values inside the list is accessed by index value.

Dictionary

\* Dictionary is a hashed structure of key and value pairs.

\* Dictionary is created by placing elements in {} as  
"key": "value"

\* The order of the elements entered are maintained

\* There is no guarantee for maintaining order

5 - \* The indices are <sup>starting</sup> integer from 0.

\* The keys of dictionary can be of any data type.

\* Eg 1: my\_list = ['Apple', 'Banana']

Eg 1:  
fruit = { 'key1': 'Apple',  
          'key4': 'mango'  
          }

Eg 2: book = {  
          "Author": "Steve"  
          "title": "Rings"  
          "Year": 2005  
          }