Dictionaries are used to store data values in key:value pairs. Dictionary are also mutable like lists. But dictionary does not allow duplicate values.

```
In [2]:
          #Create dictionary
          d1={"country":"Nepal","name":"shakti","position":"Manager","Salary":60000}
 In [3]: print(d1)
          {'country': 'Nepal', 'name': 'shakti', 'position': 'Manager', 'Salary': 60000}
 In [4]: type(d1)
          dict
 Out[4]:
 In [5]:
          #lets create another dictionary too to see whether it accept duplicate value or not
          thisdict =
            "brand": "Ford",
"model": "Mustang",
            "year": 1964,
            "year": 2020
          print(thisdict)
          {'brand': 'Ford', 'model': 'Mustang', 'year': 2020}
          Lets create Dictionary inside dictionary too
 In [7]: d2={"Country":"Nepal","Salary":80000,"Name":{"firstname":"Ram","lastname":"Bhaijan"}}
 In [8]: print(d2)
          {'Country': 'Nepal', 'Salary': 80000, 'Name': {'firstname': 'Ram', 'lastname': 'Bhaijan'}}
          Assess dictionary element
          #lets see keys and values
 In [9]:
          d1.keys()
          dict_keys(['country', 'name', 'position', 'Salary'])
 Out[9]:
In [10]:
          d1.values()
          dict_values(['Nepal', 'shakti', 'Manager', 60000])
In [11]:
          d1.items()
          dict_items([('country', 'Nepal'), ('name', 'shakti'), ('position', 'Manager'), ('Salary', 60000)])
Out[11]:
          #In dictionary, we cannot use indexing and position like string, tuples and list.
In [13]:
          d1["country"]
          'Nepal'
Out[13]:
In [14]:
         #here we have to use keys.
In [15]:
          #Now lets run d2
          print(d2)
          {'Country': 'Nepal', 'Salary': 80000, 'Name': {'firstname': 'Ram', 'lastname': 'Bhaijan'}}
          #suppose we need output Ram?
In [16]:
          d2["Name"]["firstname"]
          'Ram'
Out[16]:
In [21]:
          #Changing/Modifying dictionary
          d2["Salary"]=9000
In [22]: print(d2)
          {'Country': 'Nepal', 'Salary': 9000, 'Name': {'firstname': 'Ram', 'lastname': 'Bhaijan'}}
          Adding element in dictionary
In [23]: d2["age"]=24
In [24]: print(d2)
          {'Country': 'Nepal', 'Salary': 9000, 'Name': {'firstname': 'Ram', 'lastname': 'Bhaijan'}, 'age': 24}
```

Deleting elements or items from dictionary

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