In [1]:
```
#A.Updating(concatenating) one dictionar into another dictionary:-
```

In [1]:
```
#Example-01:
```

In [2]:
```
d1 = {'Apple':200,'Banana':300,'Mango':400}
d2 = {"English":300,"Science":350,"Maths.":400}
d3 = {"Cow":1000,'Goat':800,'Dog':500,"Cat":350}
d1,d2,d3
```

Out[2]:
```
({'Apple': 200, 'Banana': 300, 'Mango': 400},
 {'English': 300, 'Science': 350, 'Maths.': 400},
 {'Cow': 1000, 'Goat': 800, 'Dog': 500, 'Cat': 350})
```

In [3]:
```
d1.update(d2)
d1
```

Out[3]:
```
{'Apple': 200,
 'Banana': 300,
 'Mango': 400,
 'English': 300,
 'Science': 350,
 'Maths.': 400}
```

In [4]:
```
d1.update(d3)
d1
```

Out[4]:
```
{'Apple': 200,
 'Banana': 300,
 'Mango': 400,
 'English': 300,
 'Science': 350,
 'Maths.': 400,
 'Cow': 1000,
 'Goat': 800,
```

```
 'Dog': 500,
 'Cat': 350}
```

In [5]:
```
d2.update(d3)
d2
```

Out[5]:
```
{'English': 300,
 'Science': 350,
 'Maths.': 400,
 'Cow': 1000,
 'Goat': 800,
 'Dog': 500,
 'Cat': 350}
```

In [6]:
```
#Example-02:
```

In [7]:
```
dict1 = {'A':400,'B':600,'M':800}
dict2 = {"E":645,"S":710,"H":1050}
dict3 = {"C":1123,'G':987,'D':789,"P":935}
dict1,dict2,dict3
```

Out[7]:
```
({'A': 400, 'B': 600, 'M': 800},
 {'E': 645, 'S': 710, 'H': 1050},
 {'C': 1123, 'G': 987, 'D': 789, 'P': 935})
```

In [8]:
```
dict1.update(dict2)
dict1
```

Out[8]:
```
{'A': 400, 'B': 600, 'M': 800, 'E': 645, 'S': 710, 'H': 1050}
```

In [9]:
```
dict3.update(dict2)
dict3
```

Out[9]:
```
{'C': 1123, 'G': 987, 'D': 789, 'P': 935, 'E': 645, 'S': 710, 'H': 105
0}
```

In [10]:
```
#Example-03:
```

In [11]:
```
dt1 = {'X':10,'Y':20,'Z':30}
dt2 = {"P":15,"Q":25,"R":35}
dt3 = {"""@""":90,"#":45,'+':65}
dt1,dt2,dt3
```

Out[11]:
```
({'X': 10, 'Y': 20, 'Z': 30},
 {'P': 15, 'Q': 25, 'R': 35},
 {'@': 90, '#': 45, '+': 65})
```

In [12]:
```
dt3.update(dt1)
dt3
```

Out[12]:
```
{'@': 90, '#': 45, '+': 65, 'X': 10, 'Y': 20, 'Z': 30}
```

In [13]:
```
dt2.update(dt1)
dt2
```

Out[13]:
```
{'P': 15, 'Q': 25, 'R': 35, 'X': 10, 'Y': 20, 'Z': 30}
```

In [14]:
```
dt3.update(dt2)
dt3
```

Out[14]:
```
{'@': 90,
 '#': 45,
 '+': 65,
 'X': 10,
 'Y': 20,
 'Z': 30,
 'P': 15,
 'Q': 25,
 'R': 35}
```

In [15]:
```
#B.Popping(removing) out an element from a dictionary:
```

In [16]:
```
#Example-01:
```

In [17]:
```
a1 = {'Apple':200,'Banana':300,'Mango':400,"Guava":150,"Grapes":280,"Le
```

```
mon":15}
a1
```

Out[17]:
```
{'Apple': 200,
 'Banana': 300,
 'Mango': 400,
 'Guava': 150,
 'Grapes': 280,
 'Lemon': 15}
```

In [18]:
```
a1.pop("Apple")
a1
```

Out[18]:
```
{'Banana': 300, 'Mango': 400, 'Guava': 150, 'Grapes': 280, 'Lemon': 15}
```

In [19]:
```
a1.pop('Guava')
a1
```

Out[19]:
```
{'Banana': 300, 'Mango': 400, 'Grapes': 280, 'Lemon': 15}
```

In [20]:
```
#Example-02:
```

In [21]:
```
a2 = {"English":300,"Science":350,"Maths.":400,"History":270,"Grammar":
360,"Language":654,"Education":240}
a2
```

Out[21]:
```
{'English': 300,
 'Science': 350,
 'Maths.': 400,
 'History': 270,
 'Grammar': 360,
 'Language': 654,
 'Education': 240}
```

In [22]:
```
a2.pop('English','Education')
a2
```

Out[22]:
```
{'Science': 350,
```

```
 'Maths.': 400,
 'History': 270,
 'Grammar': 360,
 'Language': 654,
 'Education': 240}
```

In [23]:
```
a2.pop("Education")
a2
```

Out[23]:
```
{'Science': 350,
 'Maths.': 400,
 'History': 270,
 'Grammar': 360,
 'Language': 654}
```

In [24]:
```
#Example-03:
```

In [25]:
```
a3 = {"Cow":1000,'Goat':800,'Dog':500,"Cat":350,"Horse":2500,"Buffalo":
3500,"Deer":600}
a3
```

Out[25]:
```
{'Cow': 1000,
 'Goat': 800,
 'Dog': 500,
 'Cat': 350,
 'Horse': 2500,
 'Buffalo': 3500,
 'Deer': 600}
```

In [26]:
```
a3.pop("Cat")
a3
```

Out[26]:
```
{'Cow': 1000,
 'Goat': 800,
 'Dog': 500,
 'Horse': 2500,
 'Buffalo': 3500,
 'Deer': 600}
```