In [7]:

```
#dictionaries
file_counts={"jpg":20,"py":34,"txt":40,"png":75}
print(file_counts)
print(file_counts["txt"])# to access specific value using key
```

```
{'jpg': 20, 'py': 34, 'txt': 40, 'png': 75}
40
```

In [9]:

```
file_counts={"jpg":20,"py":34,"txt":40,"png":75}
print(file_counts)
file_counts["png"]=90 # to modify the values in the dictionary list
print(file_counts)
```

```
{'jpg': 20, 'py': 34, 'txt': 40, 'png': 75}
{'jpg': 20, 'py': 34, 'txt': 40, 'png': 90}
```

In [13]:

```
file_counts={"jpg":20,"py":34,"txt":40,"png":75}
print(file_counts)
del file_counts["jpg"] # to delete the key and pair
print(file_counts)
```

```
{'jpg': 20, 'py': 34, 'txt': 40, 'png': 75}
{'py': 34, 'txt': 40, 'png': 75}
```

In [15]:

```
file_counts={"jpg":20,"py":34,"txt":40,"png":75}
print(file_counts)
for extension in file_counts: # it prints only the keys
    print(extension)
```

```
{'jpg': 20, 'py': 34, 'txt': 40, 'png': 75}
jpg
py
txt
png
```

In [20]:

```
# to print both keys and values
file_counts={"jpg":20,"py":34,"txt":40,"png":75}
for ex,value in file_counts.items():
    print("the file {} is in {} count ".format(ex,value))
```

```
the file jpg is in 20 count
the file py is in 34 count
the file txt is in 40 count
the file png is in 75 count
```

In [21]:

```
file_counts={"jpg":20,"py":34,"txt":40,"png":75}
print(file_counts.keys()) # to return keys in the dictionary alone
print(file_counts.values()) # to return values in the dictionary alone
```

```
dict_keys(['jpg', 'py', 'txt', 'png'])
dict_values([20, 34, 40, 75])
```