

In [1]:

d = {"mango":[1,2,3], "apple":"avinash", "banana":{"a":10}}

In [2]:

d

Out[2]:

{'mango': [1, 2, 3], 'apple': 'avinash', 'banana': {'a': 10}}

In [3]:

d.keys()

Out[3]:

dict\_keys(['mango', 'apple', 'banana'])

In [4]:

for i in d.keys():  
 print(i)

mango  
apple  
banana

In [5]:

list(d.keys())[2]

Out[5]:

'banana'

In [6]:

d["mango"]

Out[6]:

[1, 2, 3]

In [11]:

d.values()

Out[11]:

dict\_values([1, 2, 3], 'avinash', {'a': 10})

In [14]:

for i in d.values():  
 print(i)

[1, 2, 3]  
avinash  
{'a': 10}

In [15]:

list(d.values())

Out[15]:

[1, 2, 3], 'avinash', {'a': 10}]

In [17]:

d.items()

Out[17]:

dict\_items([('mango', [1, 2, 3]), ('apple', 'avinash'), ('banana', {'a': 10})])

In [18]:

for i in d.items():  
 print(i)

('mango', [1, 2, 3])  
( 'apple', 'avinash')  
( 'banana', {'a': 10})

In [24]:

for i in d:  
 print(i,d[i])

mango [1, 2, 3]  
apple avinash  
banana {'a': 10}

In [25]:

for i in d:  
 print((i,d[i]))

('mango', [1, 2, 3])  
( 'apple', 'avinash')  
( 'banana', {'a': 10})

In [27]:

for i in d:  
 print("{}{}".format(i,d[i]))

(mango,[1, 2, 3]))  
(apple,avinash))  
(banana,{ 'a': 10})

In [28]:

d.clear()

In [29]:

d

Out[29]:

{}

In [30]:

d = {"x":10, "y":20}

In [31]:

d.formkeys(["a",10])

AttributeError

Traceback (most recent call last)

C:\Users\GDSSV\_~1\AppData\Local\Temp\ipykernel\_6564\1474142269.py in <module>  
----> 1 d.formkeys(["a",10])

AttributeError: 'dict' object has no attribute 'formkeys'

In [32]:

#dictionary comprehension

In [33]:

#it is a shorter syntax of creating dictionary from an iterable

In [34]:

mydict = {item:expression for item in items}

NameError

Traceback (most recent call last)

C:\Users\GDSSV\_~1\AppData\Local\Temp\ipykernel\_6564\283344276.py in <module>  
----> 1 mydict = {item:expression for item in items}

NameError: name 'items' is not defined

In [35]:

mydict = {item:2\*item for item in [10,20,30]}

In [36]:

mydict

Out[36]:

{10: 20, 20: 40, 30: 60}

In [37]:

d = {"mango":50, "apple":100, "banana":70}

In [1]:

{"mango":"apple":70, "banana":50}

File "C:\Users\GDSSV\_~1\AppData\Local\Temp\ipykernel\_1264\939706292.py", line 1  
{"mango":"apple":70, "banana":70}  
^  
SyntaxError: invalid syntax

In [2]:

age = 20  
if age>18:  
 print("hello")

hello

In [3]:

int("a")

ValueError

Traceback (most recent call last)

C:\Users\GDSSV\_~1\AppData\Local\Temp\ipykernel\_1264\3221825202.py in <module>  
----> 1 int("a")

ValueError: invalid literal for int() with base 10: 'a'

In [4]:

"hello"\*"hello"

TypeError

Traceback (most recent call last)

C:\Users\GDSSV\_~1\AppData\Local\Temp\ipykernel\_1264\3408124418.py in <module>  
----> 1 "hello"\*"hello"

TypeError: can't multiply sequence by non-int of type 'str'

In [6]:

#  
sal = 50000  
sal = sal\*0.3  
print(sal)

15000.0

In [ ]:

f = open("prv.txt")