

Working with dictionary methods ¶

```
In [1]: d={"Tom":3456,"Jerry":464467,"Mickey":5657}
print(d.get("Jerry",0)) #default value is useful, when key doesn't exist
```

0

```
In [2]: d={"Tom":3456,"Jerry":464467,"Mickey":5657}
print(d.get("Jerry",0)) #default value is useful, when key doesn't exist
```

464467

```
In [3]: d={"Tom":3456,"Jerry":464467,"Mickey":5657}
print(d.pop("Jerry")) #default value is useful, when key doesn't exist
```

```
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KeyError                                Traceback (most recent call last)
<ipython-input-3-b854deea3c48> in <module>
      1 d={"Tom":3456,"Jerry":464467,"Mickey":5657}
----> 2 print(d.pop("Jerry")) #default value is useful, when key doesn't

KeyError: 'Jerry'
```

```
In [4]: d={"Tom":3456,"Jerry":464467,"Mickey":5657}
print(d.pop("Jerry",0)) #default value is useful, when key doesn't exist
```

0

```
In [5]: d={"Tom":3456,"Jerry":464467,"Mickey":5657}
print(d.pop("Jerry",0)) #default value is useful, when key doesn't exist
```

464467

```
In [6]: print(d)
```

{'Tom': 3456, 'Mickey': 5657}

In [7]: *#Working of fromkeys()*

```
ls=['apple','mango','grapes'] # list to act as keys
value=25 #default value
fruits=dict.fromkeys(ls,value) #first arg is keys and second arg is value for every key
print(fruit)
```

```
-----
NameError                                Traceback (most recent call last)
<ipython-input-7-2e6b9e7b5aa0> in <module>
      4 value=25 #default value
      5 fruits=dict.fromkeys(ls,value) #first arg is keys and second arg is value for every key
----> 6 print(fruit)

NameError: name 'fruit' is not defined
```

In [8]: *#Working of fromkeys()*

```
ls=['apple','mango','grapes'] # list to act as keys
value=25 #default value
fruits=dict.fromkeys(ls,value) #first arg is keys and second arg is value for every key
print(fruits)
```

```
{'apple': 25, 'mango': 25, 'grapes': 25}
```

In [9]: `d1=dict.fromkeys(d,25)`

```
print(d)
print(d1)
```

```
{'Tom': 3456, 'Mickey': 5657}
{'Tom': 25, 'Mickey': 25}
```

In [10]: *#Working of fromkeys()*

```
ls=('apple','mango','grapes') # tuple to act as keys
value=25 #default value
fruits=dict.fromkeys(ls,value) #first arg is keys and second arg is value for every key
print(fruits)
```

```
{'apple': 25, 'mango': 25, 'grapes': 25}
```

In [11]: `alphabets=dict.fromkeys("saividya",0)` *#first arg is string*
`print(alphabets)`

```
{'s': 0, 'a': 0, 'i': 0, 'v': 0, 'd': 0, 'y': 0}
```

```
In [12]: for i in "saividy":  
         print(i)
```

```
s  
a  
i  
v  
i  
d  
y  
a
```

```
In [13]: #Working of update method
```

```
d={"One":1,"Two":2}  
d1={"Two":"two"}  
d.update(d1) #update()  
print(d)
```

```
{'One': 1, 'Two': 'two'}
```

```
In [14]: #Working of update method
```

```
d={"One":1,"Two":2}  
d1={"Two":"two","Three":3}  
d.update(d1) #update()  
  
print(d)
```

```
{'One': 1, 'Two': 'two', 'Three': 3}
```

```
In [15]: #copy() method
```

```
dup_d=d.copy() #create duplicate copy of d  
print(id(dup_d))  
print(id(d))
```

```
3064060873688  
3064061178168
```

```
In [16]: #working of popitem()
```

```
d.popitem()
```

```
Out[16]: ('Three', 3)
```

```
In [ ]:
```

