

# Day 21



## Dictionary methods in Python:

Example: update()

```
1 ep1 = {1:200, 2:300, 3:400}
2 ep2 = {4:400, 5:500, 6:600}
3 ep1.update(ep2)
4 print(ep1)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS E:\Python\Day21-30\Day21> python main.py
{1: 200, 2: 300, 3: 400, 4: 400, 5: 500, 6: 600}
```

Example: clear()

```
1 ep1 = {1:200, 2:300, 3:400}
2 ep2 = {4:400, 5:500, 6:600}
3 ep1.clear()
4 print(ep1)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS E:\Python\Day21-30\Day21> python main.py
{}
```

Example: pop()

```
1 ep1 = {1:200, 2:300, 3:400}
2 ep2 = {4:400, 5:500, 6:600}
3 ep1.pop(2)
4 print(ep1)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS E:\Python\Day21-30\Day21> python main.py
{1: 200, 3: 400}
```

Example: popitem() -> removes the last key-value pair.

```
1 ep1 = {1:200, 2:300, 3:400}
2 ep2 = {4:400, 5:500, 6:600}
3 ep1.popitem()
4 print(ep1)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS E:\Python\Day21-30\Day21> python main.py
{1: 200, 2: 300}
```

Example: del to delete a key-value or complete dictionary. Here we are deleting the dictionary.

```
1 ep1 = {1:200, 2:300, 3:400}
2 ep2 = {4:400, 5:500, 6:600}
3 del ep1
4 print(ep1)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS E:\Python\Day21-30\Day21> python main.py
Traceback (most recent call last):
  File "E:\Python\Day21-30\Day21\main.py", line 4, in <module>
    print(ep1)
    ^^^
NameError: name 'ep1' is not defined. Did you mean: 'ep2'?
```

Example: using del to delete the key.

```
1 ep1 = {1:200, 2:300, 3:400}
2 ep2 = {4:400, 5:500, 6:600}
3 del ep1[1]
4 print(ep1)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS E:\Python\Day21-30\Day21> python main.py
{2: 300, 3: 400}
```

--The End--