

**Aufgabe 1**

```
D = {'a': 6, 'b': -1, 'e': -6}
print(D['e'])
```

-6

**Aufgabe 2**

```
D = {3: 6, -3: -9, 6: -6}
print(D[1+2])
```

6

**Aufgabe 3**

```
D = {'a':'d', 'e':'g', 'd':'e', 'g':'a'}
print(D[D[D['e']]])
```

d

**Aufgabe 4**

```
D = {'a': 3, 'e': 2, 'g': -3, 'f': 4}
D.pop('a')
print(len(D))
```

3

**Aufgabe 5**

```
D = {'b': -2, 'e': 8, 'd': 2, 'g': -6}
del D['b']
print(len(D))
```

3

## Aufgabe 6

```
D = {'c': -6, 'd': 4, 'g': -9}
D.pop('b')
print(D)
```

Traceback (most recent call last):

```
...
  D.pop('b')
KeyError: 'b'
```

## Aufgabe 7

```
D = {'c': 4, 'g': 1, 'f': -6}
print(D.get('e', 0))
```

0

## Aufgabe 8

```
D = {'b': 6, 'g': 0, 'f': 8}
E = {'b': -2, 'g': 0, 'f': 8}
D.update(E)
print(D)
```

```
{'b': -2, 'g': 0, 'f': 8}
```

## Aufgabe 9

```
D = {'d': 2, 'g': 7, 'f': -4}
E = D.copy()
E['f'] = 99
print(D['f'])
```

-4

## Aufgabe 10

```
D = {'e': 3, 'd': -6, 'f': -4}
for x in D:
    print(x)
```

```
e
d
f
```

### Aufgabe 11

```
D = {'a': 0, 'c': 6, 'd': -8}
for y in sorted(D.keys()):
    print(y)
```

a  
c  
d

### Aufgabe 12

```
D = {'e': -4, 'g': 7, 'f': 3}
for x in D.keys():
    print(D[x])
```

-4  
7  
3

### Aufgabe 13

```
D = {'a': 3, 'b': -2, 'e': -3}
for y in sorted(D.values()):
    print(y)
```

-3  
-2  
3

### Aufgabe 14

```
D = {3:2, 2:0, 4:5}
for v, w in D.items():
    print(v-w)
```

1  
2  
-1

### Aufgabe 15

```
D = {'e': 3, 'g': -5, 'f': -9}
for t in sorted(D.keys()):
    print(D[t])
```

3  
-9  
-5

## Aufgabe 16

```
A = [3, 7, 9]
B = [8, 5, 2]
D = dict(zip(A, B))
for x, y in D.items():
    print(x+y)
```

11

12

11