

```
def sum(a, b, c):
```

```
    return a+b+c
```

a=3

b=4

c=18

```
sum(3, 4, 18)
```

←

```
def sum_args(*args):
```

```
    sum = 0
```

```
    for i in args:
```

```
        sum += i
```

```
    return sum
```

↓ ↓ ↓ ↓ ↓
args = [3, 4, 18, 50, 13, -1]

```
sum_args(3, 4, 18, 50, 13, -1)
```

```
sum_args(3, 4, 4)
```

```
def sum_kwargs(**kwargs) ←
```

```
    return kwargs['a'] + kwargs['b'] + kwargs['c']
```

```
sum_kwargs(x=3, y=8, a=40, h=0, b=38) ←
```

$$k_{\text{warg}} = \{ 'x': 13, 'y': 8, 'a': 40, 'h': 0, 'b': 38 \}$$

