TUPLES

- conveniently used to **swap** variable values

```
x = y              temp = x              (x, y) = (y, x)

y = x              x = y

       ❌          y = temp      ✔                    ✔
```

- used to **return more than one value** from a function

```
def quotient_and_remainder(x, y):

    q = x // y          integer
                        division
    r = x % y

    return (q, r)

(quot, rem) = quotient_and_remainder(4,5)
```