# New type: None

Week 5

# None

- The `None` type in Python represents the absence of a value. It's often used as a default value for variables, function return values, or dictionary keys.

- If function does not return anything, it still returns None.

**File**: `none.py`

- You can directly compare a variable to None using the `is` operator

**File**: `returning_none.py`

# "Missing" parameters

- For intance, the function round() takes two parameters.

- But the second parameter can be left out.

- The second parameter has the default parameter `None`.

- This means that `round(7.89)` is the same as `round(7.89, None)`.

- Both round the number to the nearest integer, which is 8 in this case.