Chapter 2 - 10Oprators

Theory:

Operators are symbols that perform operations on variables and values.

Code Example:

```
# --------------------------------------------
# ■ Relational OR Comparison Operators in Python
# (Both mean the same thing)
# --------------------------------------------
# ■ Types of Comparison Operators:
# 1. == → Equal to
# 2. != → Not equal to
# 3. > → Greater than
# 4. < → Less than
# 5. >= → Greater than or equal to
# 6. <= → Less than or equal to
# --------------------------------------------
# ■ Example comparisons:
a = 10
b = 5
print("a =", a)
print("b =", b)
print("\n1. a == b →", a == b) # False
print("2. a != b →", a != b) # True
print("3. a > b →", a > b) # True
print("4. a < b →", a < b) # False
print("5. a >= b →", a >= b) # True
print("6. a <= b →", a <= b) # False
# --------------------------------------------
# ■ Use in if condition:
if a > b:
print("\na is greater than b")
if a == 10:
print("a is exactly 10")
if b != 0:
print("b is not zero")
# --------------------------------------------
# End of file
# --------------------------------------------
```