

Study Note from Python Functions YouTube Video

Study Note: Python Functions

Video Summary

This video demonstrates how to use functions to make code more efficient and readable. The instructor shows a repetitive way to perform calculations and then refactors it using functions.

Initial Code (without functions)

Repetitive calculations are performed for geometric mean and number comparison.

- `gmean` for `a=9, b=8` and `c=8, d=7`.
- Comparison for `a, b` and `c, d`.

Refactored Code (with functions)

Functions are defined to avoid repetition.

`gmean` function: `def gmean(a, b):` `gm = (a*b)/(a+b)` `print(gm)`

`is_greater` function: `def is_greater(a, b):` `if a > b:` `print("First number is greater")` `elif b > a:` `print("Second number is greater")` `else:` `print("Both numbers are equal")`