

## Team Exercise — Simple Functions (15 minutes)

### Goal

Work together in small teams (2–3 people). Write two short functions that solve a simple everyday problem. Each person should type their own version — then compare results in the team.

### Task

1. Write a function `add_vat(price)` that takes a product price (float) and returns the price with 23% VAT added.

Example:

`add_vat(100) → 123.0`

2. Write a function `discount(price, percent)` that takes a price and a discount percentage, and returns the final price after discount.

Example:

`discount(200, 10) → 180.0`

3. In the main part of the program:

- Ask the user for the product price using `input()`.
- Call both functions and print the results clearly.

### Example Output

Enter product price: 100

Price with VAT: 123.0

Price after 10% discount: 90.0

### Hints

- Remember to use `float(input(...))` to read numbers.
- Keep your code clean — one small function for each calculation.
- Try to use meaningful variable names (`price`, `percent`, `final_price`).

### Team Discussion Afterward

- Which function was easier to write, and why?
- How could we combine both into one pipeline (e.g., add VAT, then discount)?
- What would happen if the user entered invalid data?