

Loops Exercises

Exercise 1

Print numbers from **1 to 10** using a for loop.

Exercise 2

Print all **even numbers from 2 to 20**.

Exercise 3

Print the word **"Python"** 5 times using a loop.

Exercise 4

Calculate the **sum of numbers from 1 to 100**.

Exercise 5

Print numbers from **10 to 1** (reverse order).

Exercise 6

Ask the user to enter a number and print its **multiplication table**.

Example (input = 5):

$$5 \times 1 = 5$$

$$5 \times 2 = 10$$

...

$$5 \times 10 = 50$$

Exercise 7

Count how many **vowels** are in a word.

Example:

Input → "education"

Output → 5

Exercise 8

Print this pattern:

```
*  
**  
***  
****  
*****
```

Exercise 9

Find the **factorial** of a number.

Example:

Input → 5

Output → 120

Exercise 10

Print all numbers between **1 and 50 divisible by 3 AND 5**.