

Python Basic Exercises

Input and Output

1. Print Hello, World!
2. Print your name, age, and city.
3. Take a number from the user and print it.
4. Take two numbers and print their sum.

Variables and Data Types

1. Declare int, float, string, and boolean variables.
2. Convert integer to float.
3. Convert string '25' into integer.
4. Find the type of a variable.

Arithmetic Operations

1. Perform addition, subtraction, multiplication, division.
2. Find remainder of two numbers.
3. Calculate area of a circle.
4. Calculate simple interest.

Conditional Statements

1. Check whether a number is even or odd.
2. Check positive, negative, or zero.
3. Find largest of two numbers.
4. Find largest of three numbers.
5. Check leap year.

Loops

1. Print numbers from 1 to 10.
2. Print even numbers between 1 and 50.
3. Sum of first n natural numbers.

4. Multiplication table.
5. Factorial of a number.

Strings

1. Find length of a string.
2. Reverse a string.
3. Check palindrome.
4. Count vowels.
5. Convert to upper and lower case.

Lists

1. Create and print a list.
2. Sum of list elements.
3. Find largest and smallest.
4. Count occurrences.
5. Reverse a list.

Functions

1. Function to add two numbers.
2. Function to check prime.
3. Function to find factorial.
4. Function to find maximum.