

ChatGPT 4o

ChatGPT

GPTs erkunden

Heute

Easy Python Exercises

Beginner Python Exercises

Easy Python Exercises

Juli

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Mai

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Mit einem Teamtarif...

Exercises with a specified skill level
I'm a student learning the Python programming language. I would like to get some programming exercises.
Please create 5 programming tasks without providing the solution. The difficulty level for the tasks should be easy.

Certainly! Here are five Python programming exercises designed for beginners:

1. Sum of a List

Write a Python program that takes a list of numbers as input and returns the sum of all the numbers in the list. The program should prompt the user to enter the numbers separated by spaces.

Example:

- Input: ``1 2 3 4 5``
- Output: ``15``

2. Check for Palindrome

Write a Python program that checks whether a given string is a palindrome. A palindrome is a word, phrase, number, or other sequence of characters that reads the same forward and backward (ignoring spaces, punctuation, and capitalization).

Example:

- Input: ``madam``
- Output: ``True``
- Input: ``hello``
- Output: ``False``

3. Simple Calculator

Write a Python program that acts as a simple calculator. The program should ask the user to input two numbers and an arithmetic operator (``+``, ``-``, ``*``, or ``/``). The program should then perform the specified operation and print the result.

Example:

- Input: ``Enter first number: 10``
- Input: ``Enter second number: 5``
- Input: ``Enter operator (+, -, *, /): +``
- Output: ``15``

4. Count Vowels in a String

Write a Python program that counts the number of vowels in a given string. The program should be case-insensitive (treat uppercase and lowercase vowels the same).

Example:

- Input: ``Hello World``
- Output: ``3``

5. Fibonacci Sequence

Write a Python program that generates the first ``n`` numbers in the Fibonacci sequence. The Fibonacci sequence is a series of numbers where each number is the sum of the two preceding ones, starting from 0 and 1.

Example:

- Input: ``Enter the value of n: 6``
- Output: ``0 1 1 2 3 5``

These tasks should provide good practice for basic Python programming concepts. Happy coding!

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ChatGPT kann Fehler machen. Überprüfe wichtige Informationen.