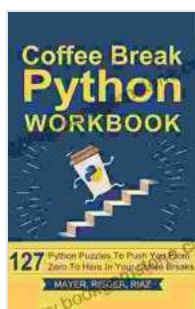# 127 Python Puzzles To Push You From Zero To Hero In Your Coffee Breaks

Python is a powerful and versatile programming language that is used in a wide variety of applications, from web development to data science to machine learning. If you're new to Python, or if you're looking to improve your skills, one of the best ways to do so is to solve puzzles.

Coffee Break Python Workbook: 127 Python Puzzles to Push You from Zero to Hero in Your Coffee Breaks

by Christian Mayer

★★★★☆ 4.1 out of 5

Language	: English
File size	: 6762 KB
Screen Reader	: Supported
Print length	: 217 pages
Lending	: Enabled

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Puzzles are a great way to learn new concepts, practice your problem-solving skills, and improve your overall understanding of the language. In this article, we'll provide you with 127 Python puzzles that are perfect for solving during your coffee breaks.

Puzzles

Level 1: Beginner

1. Write a Python program that prints "Hello, world!".

2. Write a Python program that takes two numbers as input and prints their sum.

3. Write a Python program that takes a list of numbers as input and prints the largest number.

4. Write a Python program that takes a string as input and prints the number of vowels in the string.

5. Write a Python program that takes a list of words as input and prints the longest word.

Level 2: Intermediate

1. Write a Python program that takes a list of numbers as input and prints the average of the numbers.

2. Write a Python program that takes a list of strings as input and prints the longest common substring.

3. Write a Python program that takes a list of words as input and prints the most frequently occurring word.

4. Write a Python program that takes a list of numbers as input and prints the sum of the even numbers.

5. Write a Python program that takes a list of words as input and prints the number of unique words in the list.
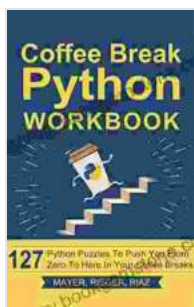
Level 3: Advanced

1. Write a Python program that takes a list of numbers as input and prints the median of the numbers.

2. Write a Python program that takes a list of strings as input and prints the longest common subsequence.

3. Write a Python program that takes a list of words as input and prints the most frequently occurring bigram.

4. Write a Python program that takes a list of numbers as input and prints the sum of the prime numbers.

5. Write a Python program that takes a list of words as input and prints the number of unique words in the list, ignoring case.

These are just a few of the many Python puzzles that you can solve to improve your skills. If you're looking for more challenges, there are many resources available online.

Solving puzzles is a great way to learn new concepts, practice your problem-solving skills, and improve your overall understanding of the Python language. So next time you have a coffee break, grab a puzzle and see how far you can get.

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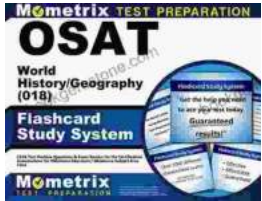File size   : 6762 KB
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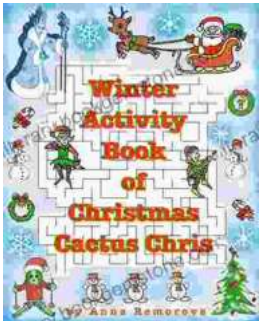Print length   : 217 pages
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