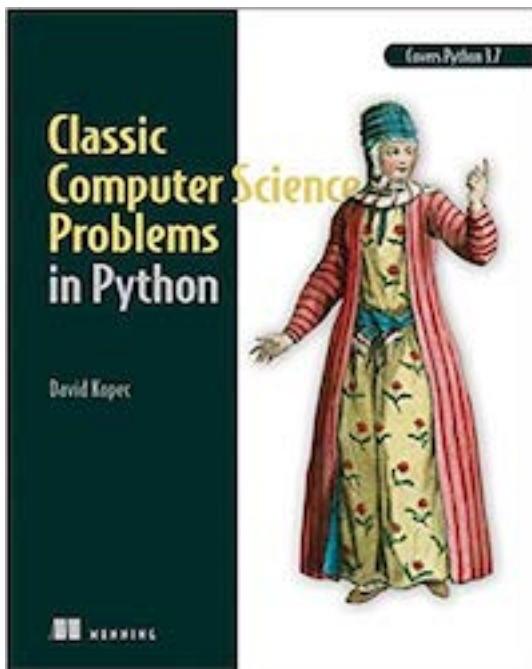


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## Classic Computer Science Problems in Python

This repository contains source code to accompany the book *Classic Computer Science Problems in Python* by David Kopec. You will find the source organized by chapter. **As you read the book, each code listing contains a file name that corresponds to a file in this repository.**



### Get the Book

- Manning the publisher sells both hard copy and DRM-free eBook editions
- Amazon if you buy the hard copy from Amazon, it will come with a way to download the eBook for free from the publisher

### Versioning and Packages

The source code in this repository requires Python 3.7 and installation of the `typing_extensions` package. Due to its extensive use of Python 3.7 features (data classes, advanced type hints, etc.), most of the source code will not work with earlier versions of Python. You can install the `typing_extensions` package with `pip3 install typing_extensions` or `pip install typing_extensions` depending on your Python/pip setup.

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## Questions about the Book

You can find general questions and descriptive information about the book on the Classic Computer Science Problems website. Also, feel free to reach out to me on Twitter, @davekopec. If you think you found an error in the source code, please open an issue up here on GitHub.

## Free Content Based on the Book

- Article: Constraint-Satisfaction Problems in Python

## License

All of the source code in this repository is released under the Apache License version 2.0. See [LICENSE](#).

## Other Books and Languages

Official Books from the Series by @davecom - Classic Computer Science Problems in Java - Classic Computer Science Problems in Swift

Ports - C++ implementation by @array-andres - Go implementation by @arlima - PHP implementation by @SaschaKersken (German translator of CCSPiP) - JavaScript implementation by @SaschaKersken (German translator of CCSPiP) - Ruby implementation by @tj84 - Rust implementation by @marpeter-contribs