Building a Minimal Blockchain in Python,

by Eden Anu

This project purports to introduce students to a basic blockchain. By assuming that students have minimal understanding of blockchains, the author proceeds to describe the necessary steps in the process of creating a blockchain, explains the need for hash, and offers relevant examples. This project would be useful to teach students about blockchain without actually requiring students to write the code. I find that such strategy is highly productive when presenting CS topics to students for their own enlightenment without the added coding requirement. Students can profit from the experience of knowing how things work for the sake of expanding their own exposure to the applications of CS. The downside of the project is that although the author assumes that the students have no prior knowledge of blockchain, the code that he writes is itself very hard for most students in an Intro CS class as he uses object-oriented Python. Finally, the title is a bit misleading as it alludes to a "minimal blockchain" when in reality there nothing minimal about the code that was presented.

https://towardsdatascience.com/building-a-minimal-blockchain-in-python-4f2e9934101d