



**Why?**

- Selfie shows, from first principles, how a minimal but still realistic hardware and software stack works.
- Anyone understanding elementary arithmetic and Boolean logic may be able to follow!
- The goal is to see and understand how the semantics of programming languages and the concurrent execution of programs is constructed using nothing but bits.
- The self-referential nature of the construction is an important part of selfie. Seeing how to resolve it establishes a well-founded understanding of basic computer science principles.

# How?

- We use the selfie code to explain everything. Students will need to read, understand, and modify the code to follow the course.
- Instead of copying code here we provide clickable links to actual selfie code snippets on [github.com](https://github.com)
- Standard terminology is introduced with clickable links to [wikipedia.org](https://wikipedia.org)

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