

Reference Material

- [Tools](#)
- [Books and Online Resources](#)

Tools

In the past, we needed to setup special tools on a local computer (i.e.: your laptop) to test software. In the modern era, the advanced made by software developers have led us to several tools we can use to understand a machine's instruction set.

1. Python Interpreters

- <https://www.programiz.com/python-programming/online-compiler/>
- [Python interpreter](#)

2. Assembly and Emulators

- [WeMips](#)
- [Gobolt](#)

3. Logic Emulators

- [Logic.ly/demo](#)
- <https://circuitverse.org/simulator>

Books and Online Resources

Really awesome book from [Robert Plantz](#):

- [Introduction to Computer Organization](#)

Books:

- [Structured Computer Organization 6th Edition](#)
- [Computer Organization and Design](#)

Online Resources

- <https://thinkinggeek.com/arm-assembler-raspberry-pi/>
- <https://azeria-labs.com/writing-arm-assembly-part-1/>