Help

In this module we continue our discussion of the LC-3 ISA. After examining control instructions, we will combine what we have learned in this and the previous ISA module to write programs for the LC-3.

By the end of this module you will be able to:

- Understand the purpose and operation of a TRAP instruction.
- Explain the different condition codes and how particular instructions change them.
- Implement the hardware to support branch and jump instructions that change the instruction flow of the LC-3.
- Explain and write programs using the LC-3 ISA.

Show Discussion

New Post

EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics, engineering, food and nutrition, history, humanities, law, literature, math, medicine, music, philosophy, physics, science, statistics and more. EdX is a non-profit online initiative created by founding partners Harvard and MIT.

© 2015 edX Inc.

EdX, Open edX, and the edX and Open edX logos are registered trademarks or trademarks of edX Inc.

Terms of Service and Honor Code

Privacy Policy (Revised 10/22/2014)

POWERED BY OPENedX

About edX

About

News

Contact

FAQ

edX Blog

Donate to edX

Jobs at edX

Follow Us

Facebook

Twitter

LinkedIn

Google+

Tumblr

Meetup

Reddit

Youtube