Sistemas Informáticos (Computer Systems)  
Unit 01. Activities 01

short line

Authors: Sergi García, Alfredo Oltra

Updated September 2023

Unit 01. Activities 01

# Exercise 01

Investigate the “Modified Harvard architecture”.

You can obtain information in <https://en.wikipedia.org/wiki/Modified_Harvard_architecture>

Post the main differences with “Von Neumann architecture” in the forum and discuss them with your classmates.

# Exercise 02

Summarize how “Von Neumann architecture” works.

# Exercise 03

Summarize the instruction cycle. Explain it with examples that help you to understand it.

# Exercise 04

Try to find 2 samples of CISC CPUs and 2 samples of RISC CPUs. Share them in the forum and discuss them with your classmates.