Sistemas Informáticos (Computer Systems)  
Unit 01. Activities 01

short line

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UD01. Activities 01

# Exercise 01

Investigate the “Harvard modified 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.

# 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.

# Exercise 05

Follow this tutorial <https://sites.google.com/site/kotukotuzimiti/> in order to understand how a 2 bit fictitious computer works. Share your solutions and ask your doubts using the forum.