Computer architecure

ARM assembly

ARM

https://cpulator.01xz.net/

Choose a system to simulate

Architecture

Any
Nios II
ARMv7
MIPS32r5
MIPS32r5 (no delay slots)
MIPS32r6
MIPS32r6 (no delay slots)

System

ARMv7 generic
ARMv7 DE1-SoC
ARMv7 DE1-SoC (v16.1)
Nios II generic
Nios II DE1-SoC
Nios II DE1-SoC (v16.1)
Nios II DE2-115

https://cpulator.01xz.net/?sys=arm-de1soc   **Go**

Tasks:

- Use switches to input number in binary
- Show number on LED display as binary
- Show that number as decimal on 7-segment led display
- If the number changes, update the display

Thank you for your attention!