

CA Lab: Homework 7

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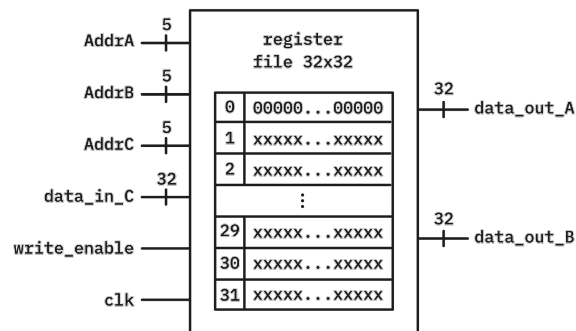
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Task Description

General Purpose Register Drawing

1. Size of addresses: If we have 32 registers, what should be size of address bus (`addrA/B`)?
2. Read Registers: Draw a rectangle, representing register file and attach inputs and outputs to it. Also indicate size (number of bits) of inputs and outputs on your drawing.
3. Register 0: In your drawing implement digital circuit that makes sure that register `$0` stays 0 all the time.

Solution



Reference

- me.