

ELC 2137 Lab 1: LaTeX and GitHub

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Summary

In this Lab I started to learn Git and LaTeX. The methods I learned and applied are creating a table, inserting a figure, and writing in different code.

Q&A

1. What is your GitHub user name?

ForrestKnee

2. What LaTeX environment produces a bulleted (nun-numbered) list?

Itemize

3. Write the equation $y(t) = 1/2 e^t$ using LaTeX equation formatting.

$y(t) = 1/2 e^t$

4. What is the shortcut key for compiling your LaTeX documnent?

Control + t

Results

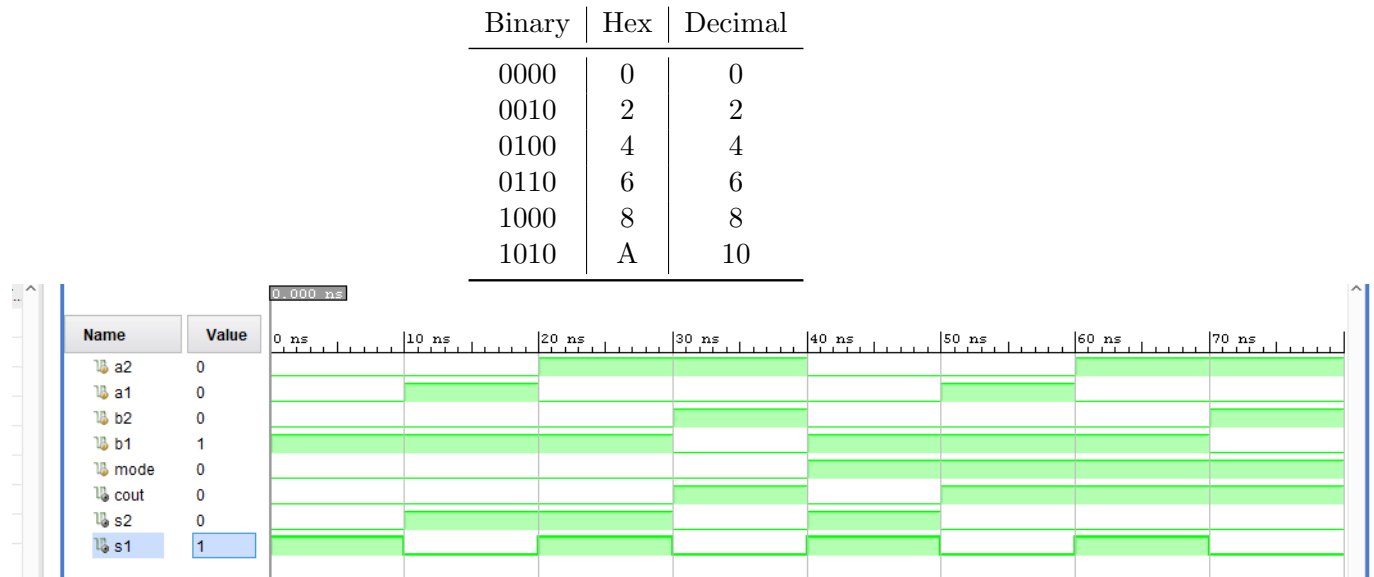


Figure 1: Table and simulation waveform to reproduce

Code

Listing 1: Given Verilog Code

```
module example
#(parameter BITS=4)
(
    input [BITS-1:0] in0, in1,
    input sel,
    output [BITS-1:0] out
);

    // Choose in1 or in0
    out = sel ? in1: in0;
endmodule
```