ELC 2137 Lab #1: Git and LaTeX Intro

Sebastian Lopez

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Summary

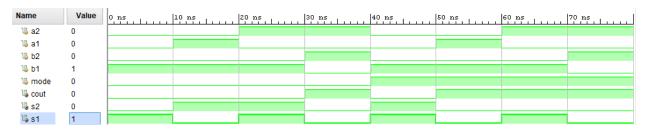
In this lab we learned how to use LaTeX and GitHub. We created our GitHub account as well as a repository. We then created our lab report on LaTeX that includes images, code, lists, tables, and section headings.

Q&A

- 1. Sebastian-lopez1
- 2. Itemize environment
- 3. $y(t) = \frac{1}{2}e^t$
- 4. F5

Results

| Binary | Hex | Decimal |
|--------|-----|---------|
| 0000 | 0 | 0 |
| 0010 | 2 | 2 |
| 0100 | 4 | 4 |
| 0110 | 6 | 6 |
| 1000 | 8 | 8 |
| 1010 | A | 10 |



\mathbf{Code}

Listing 1: File-included Verilog code example

```
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
```