ELC 2137 Lab 1: Git and LaTeX Intro

Ivan Rios

January 21, 2020

Summary

The fundamental building blocks for Git And LaTeX were introduced and put into practice. First, LaTeX formatting principles were applied on the TeXstudio program, including manual cropping and table formatting along with basic font and structural techniques. Then, changes were uploaded to GitHub through git commits and git pushes in order to document and share the files.

Q&A

1. Rios2
2. An Itemize environment
3. $y(t) = \frac{1}{2}e^t$
4. F6

Results

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

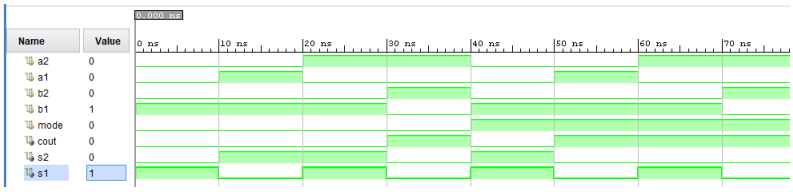

Figure 1: Example of a table and simulation waveform

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
```