ELC 2137 LaTeX Tutorial

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Summary

Students were required to insert and center a floating table with necessary numbers, manipluate a screenshot to fit properly, and list questions. By coding all of the following in Latex students are able to produce a professional report.

Q&A

1. MMARTIN1999
2. Itemize Environment/Command
3. $y(t) = 1/2e^2$
4. F5

Results

In this section, put your simulation waveforms, results tables, pictures of hardware, and any other required items.

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

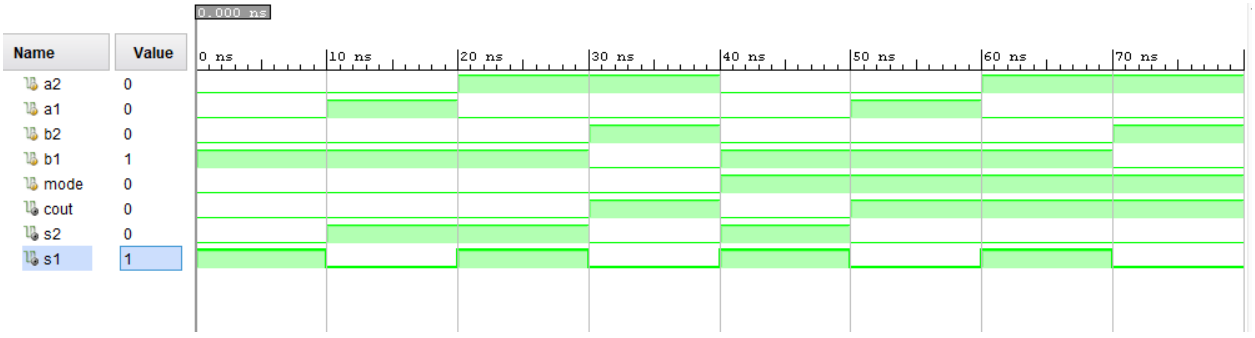

Figure 1.1: Table and simulation waveform to reproduce

Code

Include all of the code you wrote or modified here.

Listing 1: Maya Martin's Code

```
\begin{center}
\begin{tabular}{cc|c}
\toprule
Binary & Hex & Decimal \\
\midrule
0000 & 0 & 0 \\
0010 & 2 & 2 \\
0100 & 4 & 4 \\
1000 & 8 & 8 \\
1010 & A & 10 \\
\bottomrule
\end{tabular}
\end{center}

\begin{center}
\includegraphics[width=1.0\textwidth, trim=19cm 15cm .5cm 4cm,clip]{
   lab1_example_screenshot.PNG}
\begin{center}

\begin{center}
Figure 1.1: Table and simulation waveform to reproduce
\begin{center}
```

Listing 2: 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
```