

ELC 2137 Lab 01: Git and LaTeX Intro

Kyle Monk

January 16, 2020

Summary

In this lab, several tasks were completed using TeXstudio in order to create a professional-looking document to submit as a lab report. Such tasks included making numbered lists, creating tables, inserting PNG files, labeling figures, and including Verilog code.

Q&A

1. My GitHub user name is kyle-monk
2. itemize
3. $y(t) = \frac{1}{2}e^t$
4. F6

Results

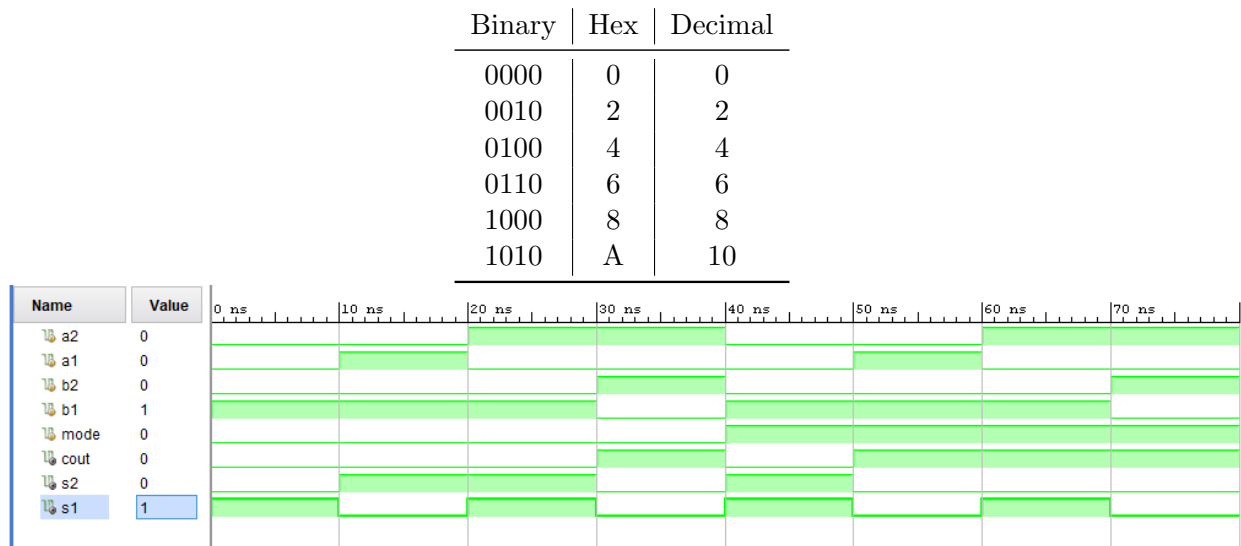


Figure 1: Table and simulation waveform to reproduce

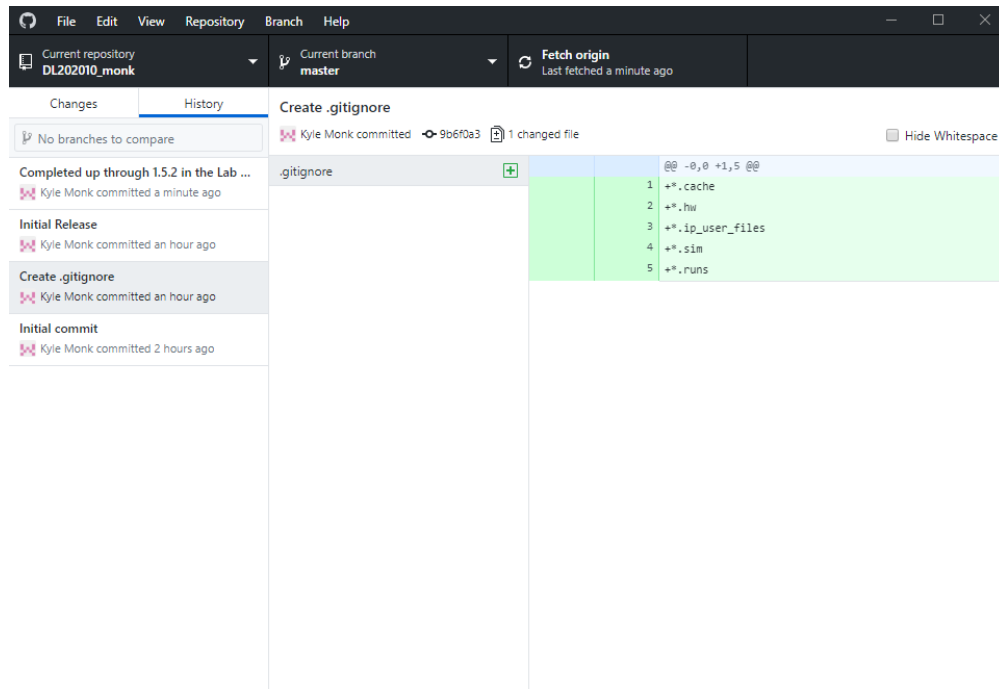


Figure 2: GitHub Desktop Screenshot

Code

Listing 1: Lab 1 Example 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
```