

ELC 2137 Lab 1: Git and LaTeX Intro

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Summary

The objective of this lab is to describe the basic Git process, use GitHub Desktop to synchronize local and remote files in a repository. Also describe the purpose of LaTeX and create a lab report in LaTeX that includes images, codes, lists, tables and section headings.

Q&A

1. My GitHub user name is jane-ross1.
2. A bulleted list is configured using an itemized environment.
3. $y(t) = 1/2e^t$
4. A shortcut to compile is F6 on the windows computer.

Results

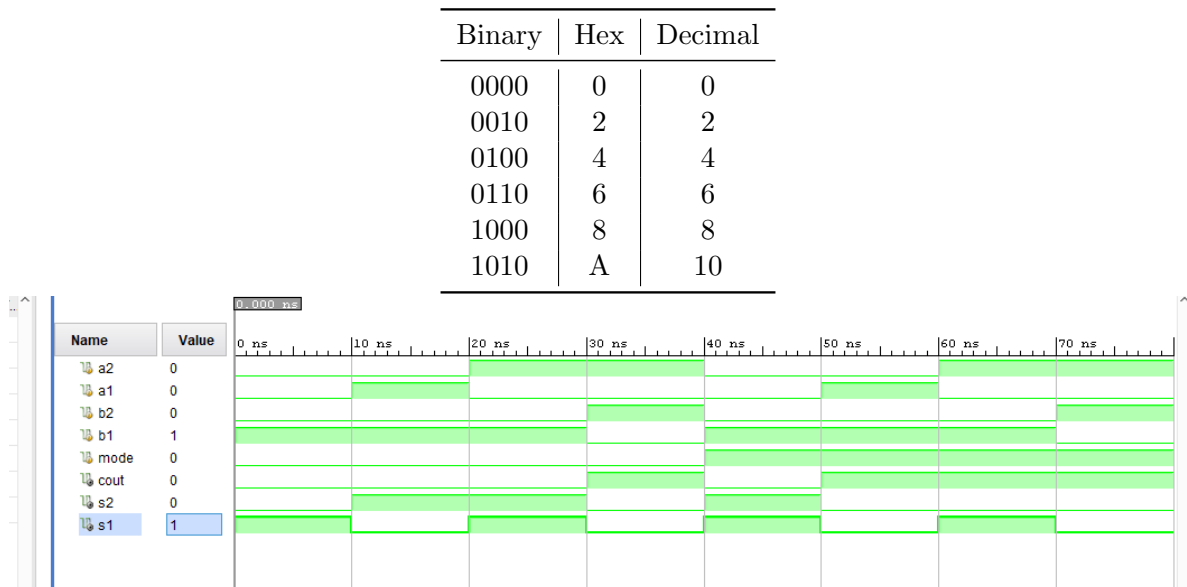


Figure 1: Table and simulation waveform to reproduce

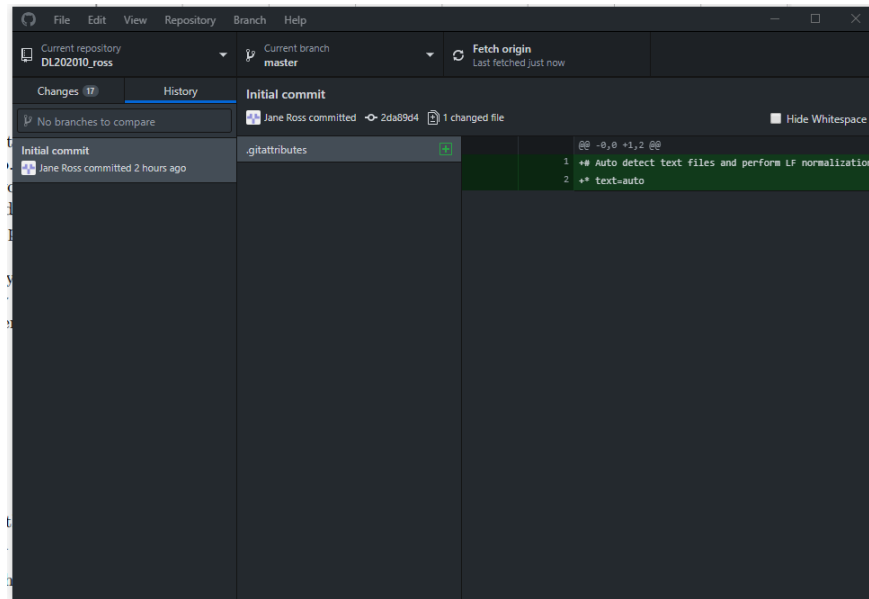


Figure 2: Screenshot

Code

This is the code example below.

Listing 1: Direct 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
```