

ECE271, Chapter 4 Reading Report

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This page demonstrates the expectation for doing examples for chapter 4.

1 HDL Examples

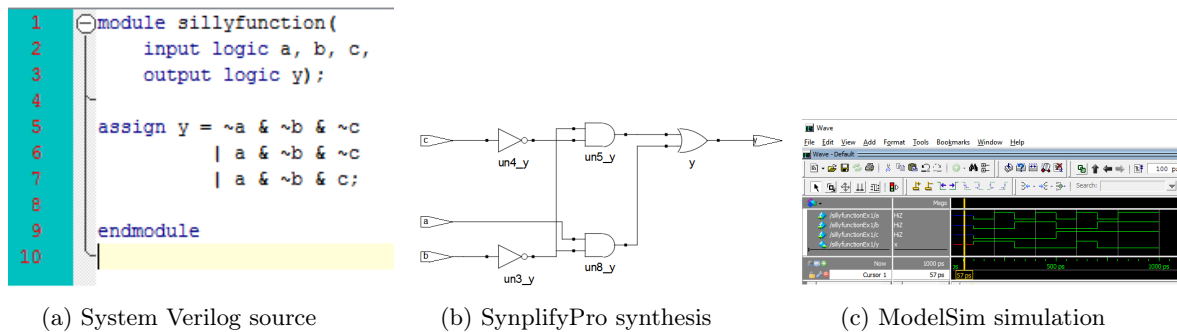


Figure 1: HDL Example 4.1

```
1 #Run the SillyFunction Example1 Simulation  
2 add wave *  
3 force a 0 @ 100, 1 @ 200, 0 @ 300, 1 @ 400, 0 @ 500, 1 @ 600, 0 @ 700, 1 @ 800  
4 force b 0 @ 100, 1 @ 300, 0 @ 500, 1 @ 700  
5 force c 0 @ 100, 1 @ 500  
6  
7 run 1000  
8
```

Figure 2: This do file can be used to simulate both example 4.1 and the variation within ModelSim.

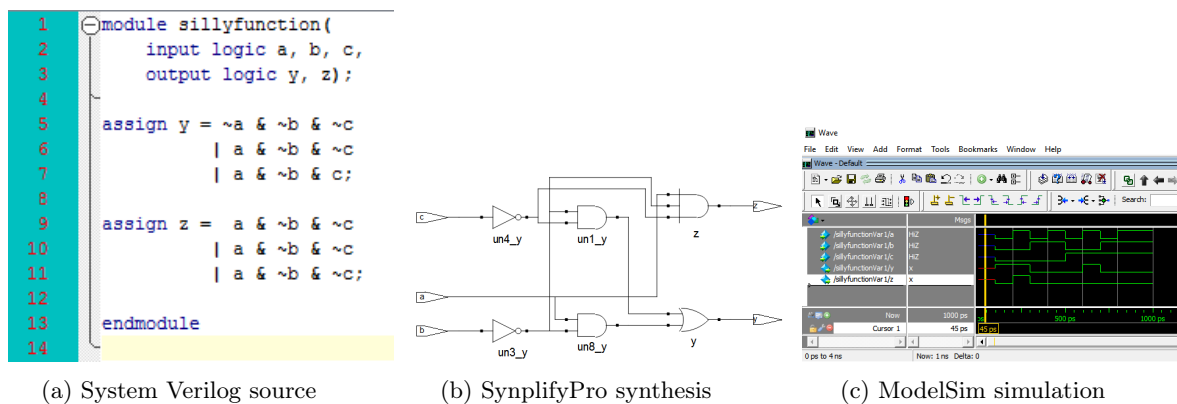


Figure 3: Variation HDL Example 4.1