ECE 474 - Quiz 1 - Spring 2015

Name and last 4 of ID: _____

1. [30] Give three advantages of using an HDL.

2. [10] When vlog is invoked on an rtl-level file such as fadder.sv, what input file is necessary?

3. [10] What does vlog produce when invoked on a file such as fadder.sv?

4. [15] Name three things that our simulation "do file" did for you.

5. [15] What was the difference between the contents of the files fadder.sv and fadder.gate.v? Be specific.

6. [10] Why is writing synthesizable HDL code different to writing an algorithm for any other language.

7. [10] Upon what entity do you invoke the simulator upon?

8. [2] What concept or step was unclear to you in these first two lectures?