# Name: \_\_\_\_\_\_\_\_\_\_

# Netid: \_\_\_\_\_\_\_\_\_\_\_

1. (20 pts) Working design submitted.
2. (10 pts) What is the first error identified in the video? Be explicit, identify the line number and explain.
3. (10 pts) What is the second error identified in the video? Be explicit, identify the line number and explain.
4. (10 pts) What is the third error identified in the video? What is the first test vector that fails because of this error (warning: the test vectors that you have are different from what is in the video. Capture a screen shot of the simulation showing the vectors the fail, and explain why it fails. The vectors need to be formatted as signed decimal as shown in the video. Arrange the signals in the waveform viewer from top to bottom in the following order: a, b, u1\_lt, max\_ab, c, u2\_lt, y. The screenshot MUST have the yellow cursor over the failing vector.
5. (10 pts) What is the fourth error identified in the video? What is the first test vector that fails because of this error (warning: the test vectors that you have are different from what is in the video. Capture a screen shot of the simulation showing the vectors the fail, and explain why it fails. The screenshot MUST have the yellow cursor over the failing vector.
6. (10 pts) What is the fifth error identified in the video? What is the first test vector that fails because of this error (warning: the test vectors that you have are different from what is in the video. Capture a screen shot of the simulation showing the vectors the fail, and explain why it fails. The screenshot MUST have the yellow cursor over the failing vector.
7. (15 pts) After correcting all errors, capture a screenshot showing the last vector that causes the message ‘All vectors passed’ to be printed (can capture this message in the screenshot as well).
8. (15 pts) Run the implementation, then run the ‘Post Implementation Timing Simulation’. Capture a screenshot showing the message ‘All vectors passed’. In the screenshot, have the ‘uut’ selected in the ‘Scope’ tab, and have the screenshot include some of the signals from the ‘uut’ (there will be some signals named ‘…OBUF’ in here in addition to other signals).