EXPERIMENT 2 DESIGN CHECKS

Syntactic Issues
- Team information in the wrong place
- A name is missing
- An ID number is missing
- A major is missing
- The section name is missing
- More than one schematic sheet used for design
- The circuit is spread all across the sheet
- Components are too close to each other
- Blocks (subcircuits) too close to each other
- Components of block too far from each other
- Angled lines
- Tangled wires
- Wires over components
- Dangling wires
- Unconnected components
- Input lines short circuited
- Component outputs short circuited
- Output lines short circuited
- Component outputs short circuited to GND/VCC
- Component outputs unused
- Labels/attributes overlap with other components
- Components/wires not named

Design Issues
- Number of gates used too high
- Number of XDBs used too high
- Unnecessary buffers
- Unnecessary pads
- The circuit does not work completely:
- Other
- NO MISTAKES
CONTACTS:

1) Students can see the professor or the Teaching Assistants (TAs), about the course, the homework, the software and lab experiments.

2) Professor’s contact information:
   Room: 114 LC   (718) 260-3101   Fax: (718) 260-3609   haldun@photon.poly.edu
   Open-door policy to see the professor   If the door is closed, he might be in the lab

3) Below are the contact information and assignments of the TAs:
   **Vijay Polavarapu**: 012LC, (718) 260-3384, vpolav01@utopia.poly.edu
   - Present in lab sessions: Tuesday: 3-5:50 (A), Thursday: 6-8:50 (D)
   - Commenting on the project
   - Lab monitor: Monday: 2-5, Wednesday: 2:30-5:30 and Thursday: 2-5

   **Jeff Tao**: 233LC, (718) 260-3420, jefftao@photon.poly.edu
   - Present in lab sessions: Tuesday: 6-8:50 (B) and Wednesday: 6-8:50 (C)
   - Lab monitor: Friday: 1-3

   **Haobo Wang**: 001LC, (718) 260-4011, haobo_w@photon.poly.edu
   - Present in lab session: Tuesday: 6-8:50 (B)

   **Kaijie Wu**: 001LC, (718) 260-4011, kaijie@photon.poly.edu
   - Present in lab sessions: Tuesday: 3-5:50 (A), Thursday: 6-8:50 (D)

   **Bo Yang**: 001LC, (718) 260-4011, yangbo@photon.poly.edu
   - Present in lab session: Wednesday: 6-8:50 (C)
   - Grading the homework

4) All handout and lab files are at the course web site: [http://cis.poly.edu/cs2204](http://cis.poly.edu/cs2204)

5) Students are asked to give feedback about the announced office hours of the TAs in case the hours are not sufficient and/or need to be rescheduled.

6) When short-term problems are encountered in PC labs, students are advised to contact: help@duke.poly.edu or (718) 260-3123 or go to Room: 325 RH.

   For CS2204 lab related issues and to have the lab open, students need to contact Mr. Keni Yip at (718) 260-3023, keni@poly.edu. His office is 225RH

   For longer-term problems in PC labs and **any other matter**, students should not hesitate to contact the professor and the TAs.