Lab #1 (Due 9/10/09)

http://www.personal.kent.edu/~asamba/tech43550/

Answer all questions

1. OR Gate
Control Behavior: The light should be on when either contact A is on (i.e., closed) or contact B is on (closed). Otherwise it should be off
   Task: Implement this behavior using PLC Ladder Logic

2. AND Gate
Control Behavior: The light should be on when contact A is on (i.e., closed) and contact B is on (closed). Otherwise it should be off
   Task: Implement this behavior using PLC Ladder Logic

3. NOT Gate
Control Behavior: The light comes on only when contact A is on (i.e., closed) and contact B is off (open). Otherwise it should be off
   Task: Implement this behavior using PLC Ladder Logic

4. NAND Operation
Control Behavior: The light comes on only when contact A is off and contact B is off. Otherwise it should be off
   Task: Implement this behavior using PLC Ladder Logic