Recitation 12 Practice - Computer Organization, Spring 2013

1. According to the truth table , design the digital circuit .

0	0	0	0
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	1
1	1	1	1

Appendix: gates
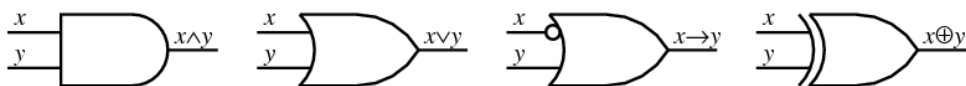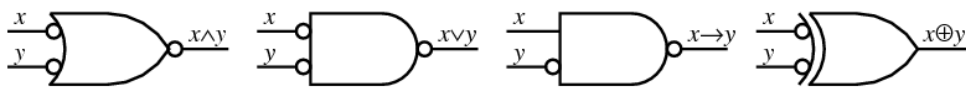

Figure 1. Truth tables

Figure 2. Logic gates

Figure 3. De Morgan equivalents

Figure 4. Venn diagrams