COMP2421 Computer Organization Assignment 3 Experiment Report

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1 Truth Table of the Subtask Two

E_2	E_1	E_0	S_1	S_2	S_3	S_4	S_5	S_6	S_7
0	0	0	0	1	1	1	1	1	1
0	0	1	0	0	0	1	0	0	1
0	1	0	1	0	1	1	1	1	0
0	1	1	1	0	1	1	0	1	1
1	0	0	1	1	0	1	0	0	1
1	0	1	1	1	1	0	0	1	1
1	1	0	1	1	1	0	1	1	1
1	1	1	0	0	1	1	0	0	1

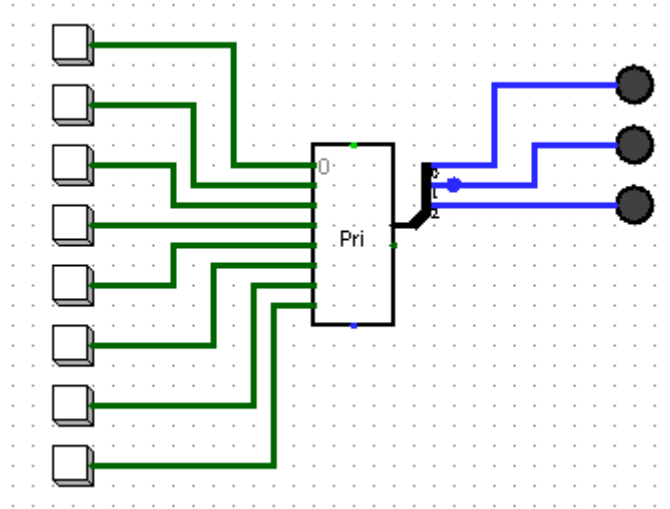# 2 Circuit Screen Shots

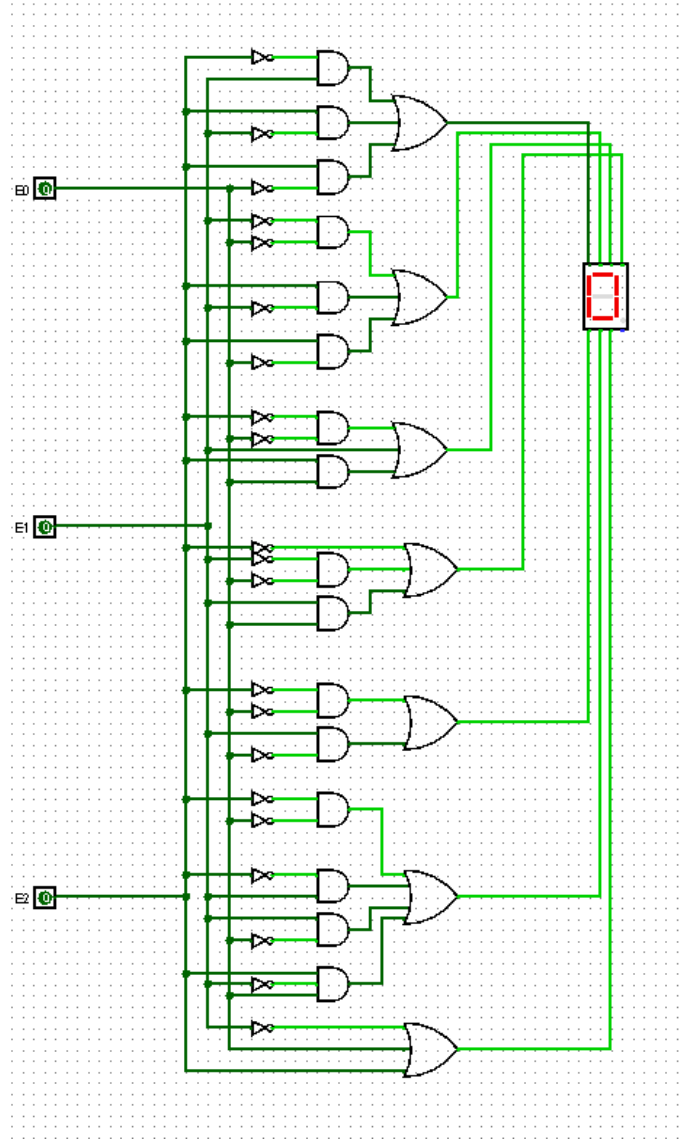Figure 1: Subtask one circuit

Figure 2: Subtask two circuit

3
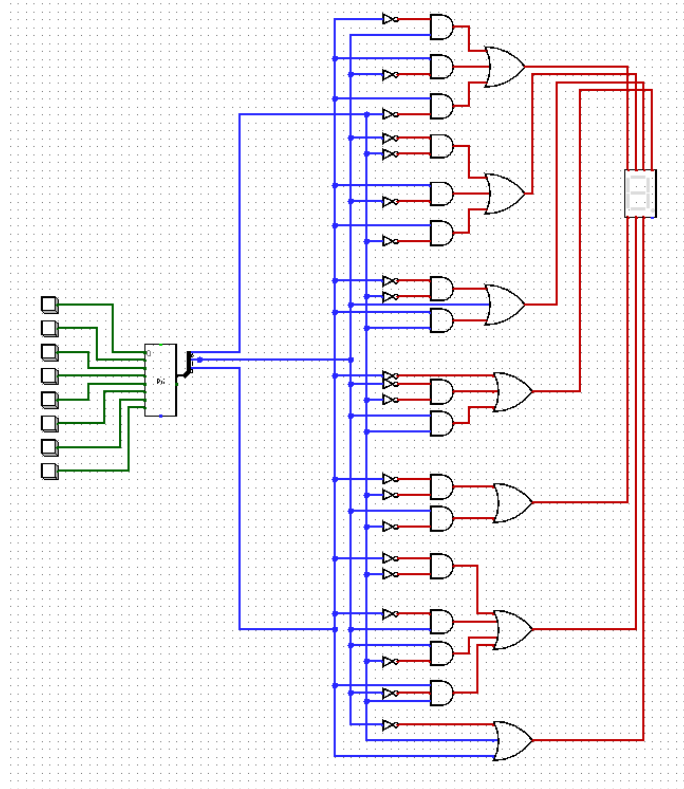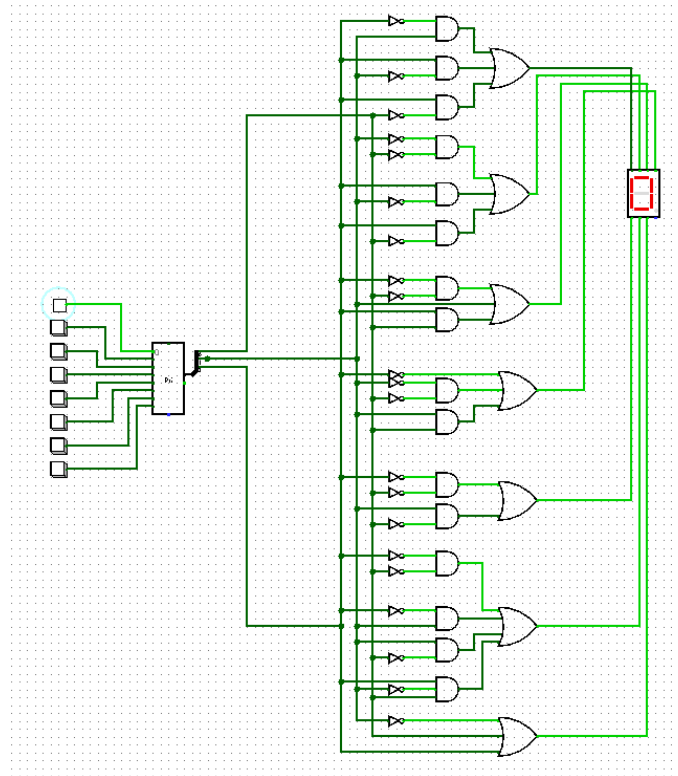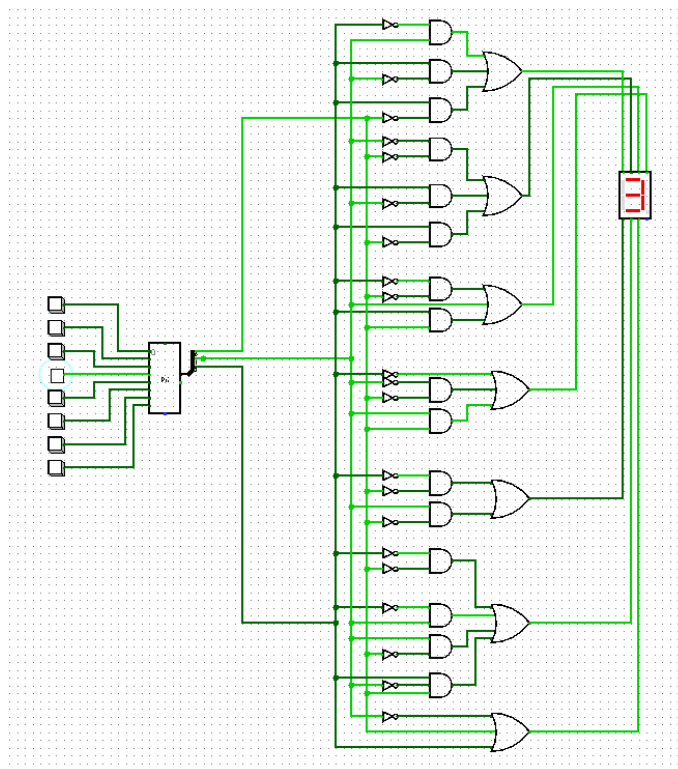
Figure 3: Subtask three circuit
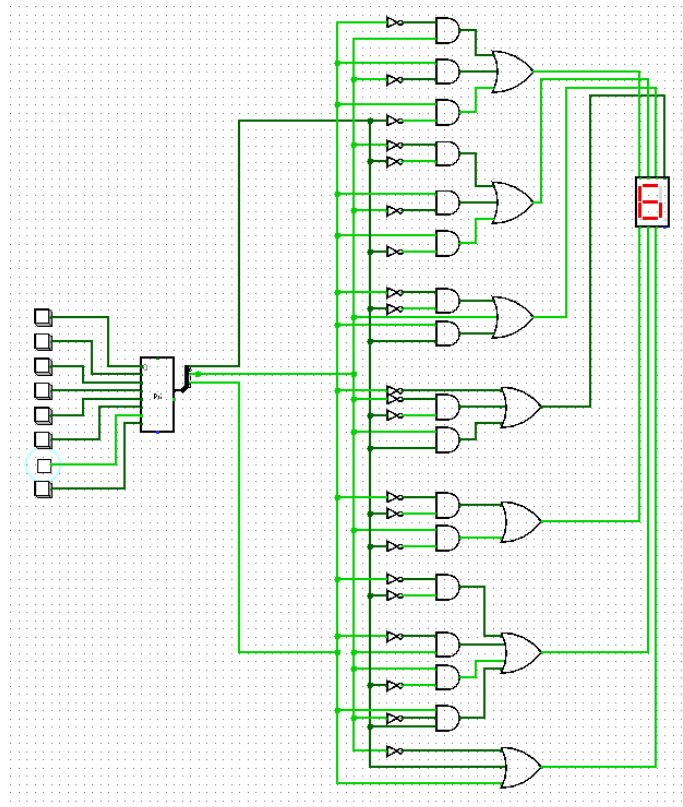
3 Case Pictures

Figure 4: Case 1

Figure 5: Case 2

Figure 6: Case 3