Homework4 of Chapter3, 5

Ch3:

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    $8*2^3=64$
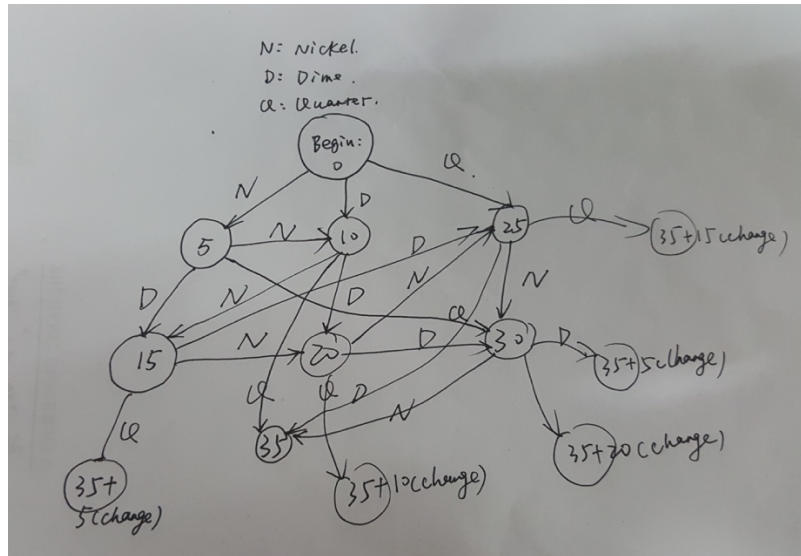
33

   (a) A[1,0] = 11, WE = 0.
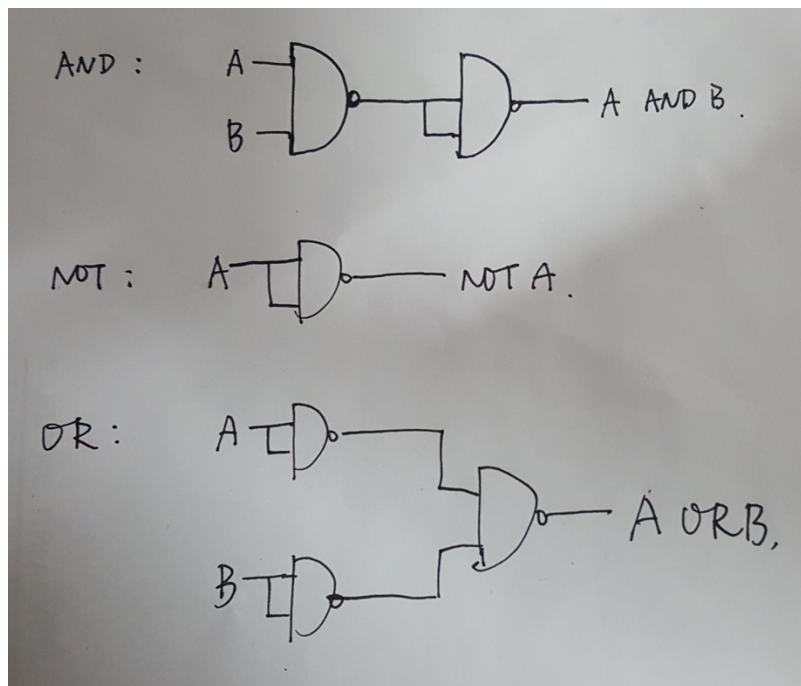
   (b) 6, remain the same.

   (c) 2^6-60=4
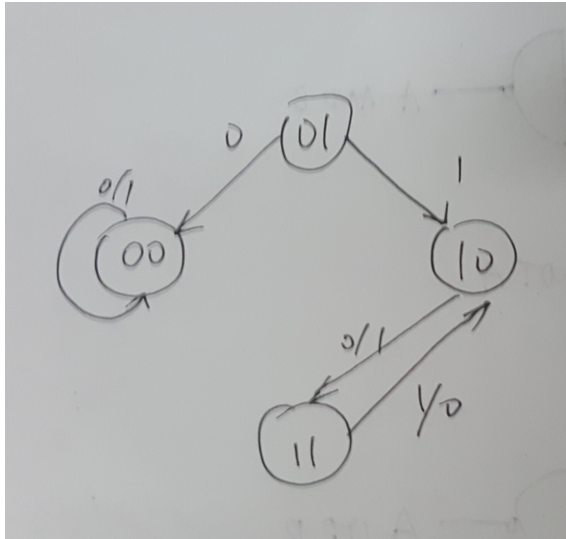
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(a)

S1	S0	X	D1	D0	Z
0	0	0	0	0	0
0	0	1	0	0	0
0	1	0	0	0	1
0	1	1	1	0	1
1	0	0	1	1	1
1	0	1	1	1	1
1	1	0	1	0	1
1	1	1	1	0	1

(b)

Ch5:

34.

The Registers File, ALU, NZP and the logic.

35.

The IR, SEXT unit, SR2MUX, Register File, ALU, NZP and the logic.