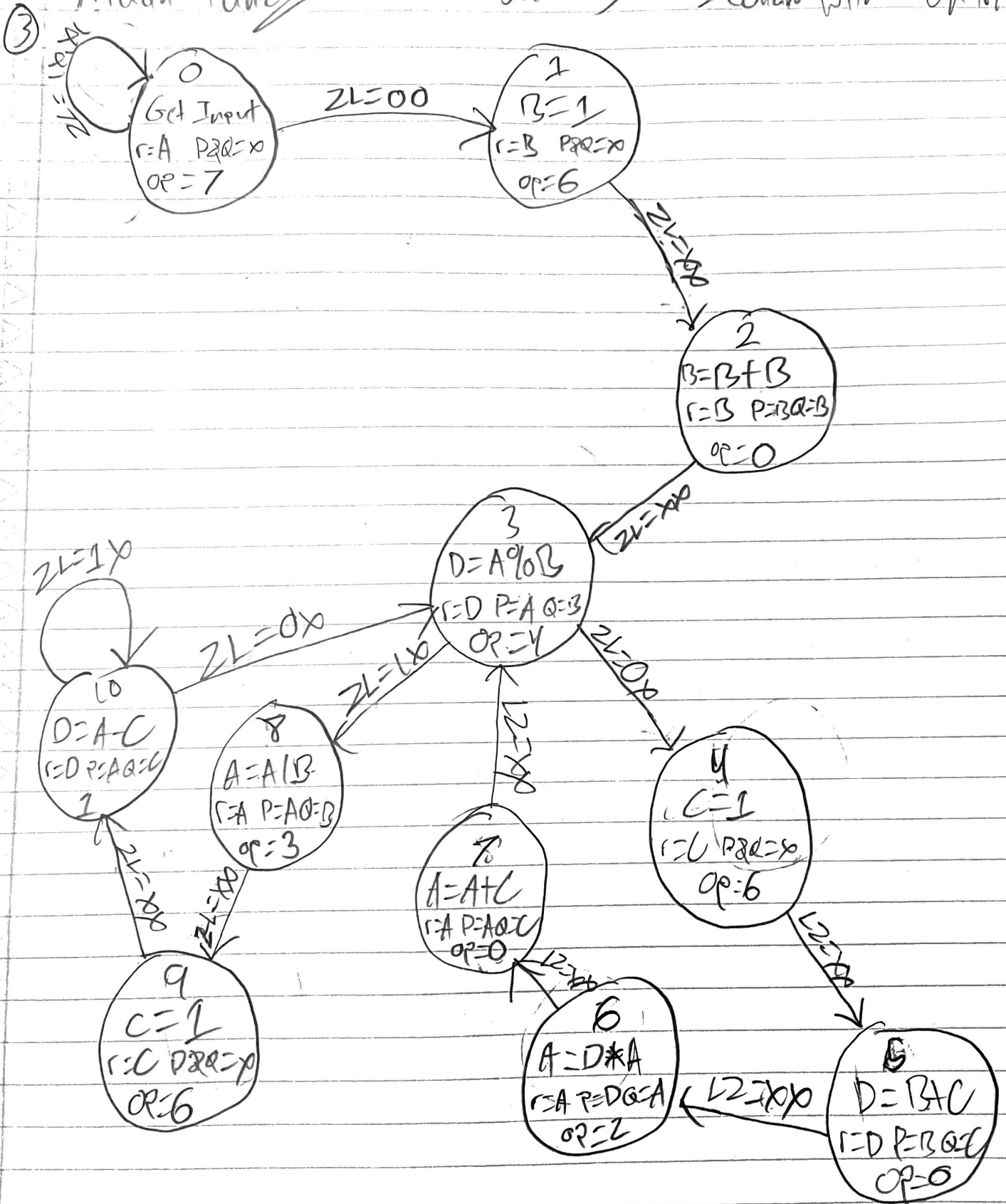


Aidan Faher

Project 3

I collab with Charlie



## Output Table

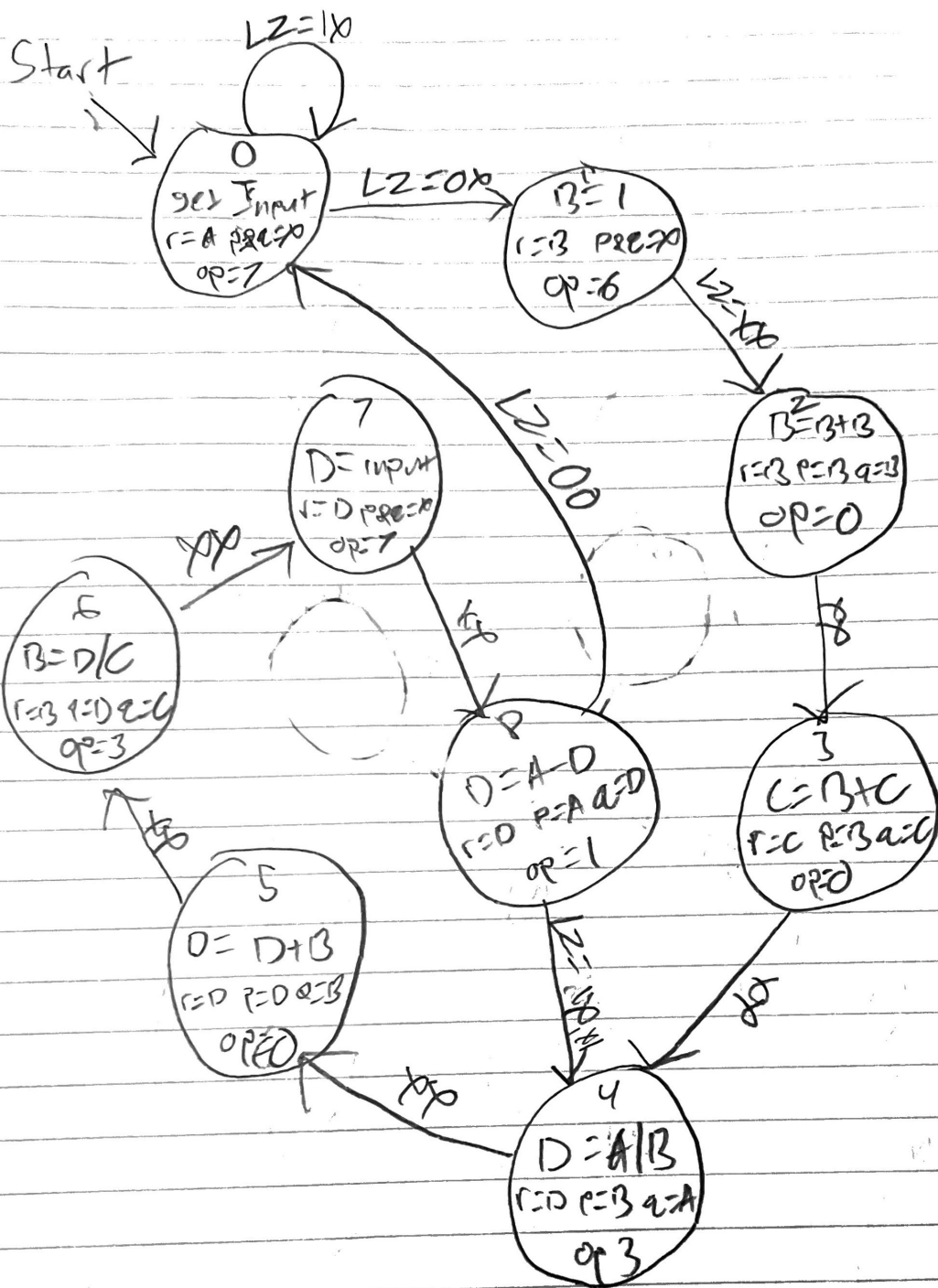
curr R P Q OP

0000	00	xx	xx	111
0001	01	xx	xx	110
0010	01	01	01	000
0011	11	00	01	100
0100	10	xx	xx	110
0101	11	01	10	000
0110	00	11	00	010
0111	00	00	10	000
1000	00	00	01	011
1001	10	xx	xx	110
1010	11	00	10	001

## Transition Table

curr Z L Next

0000	0	0	0001
0000	1	x	0000
0000	x	1	0000
0001	x	x	0010
0010	x	x	0011
0011	0	x	0100
0011	1	x	1000
0100	x	x	0101
0101	x	x	0110
0110	x	x	0111
0111	x	x	0011
1000	x	x	1001
1001	x	x	1010
1010	x	x	1011



# Output Table

Cur	B	P	Q	OD
0000	00	xx	xx	111
0001	01	xx	xx	110
0010	01	01	01	010
0011	10	01	10	000
0100	11	01	00	011
0101	11	11	01	000
0110	01	11	10	011
0111	11	xx	xx	111
1000	11	00	11	001

# Transition Table

Cur	Z	L	Next
0000	0	x	0001
0001	1	x	0000
0010	x	x	0010
0011	x	x	0011
0100	x	x	0100
0101	x	x	0101
0110	x	x	0110
0111	x	x	0111
1000	0	0	1000
1001	x	1	0100
1010	1	x	0100