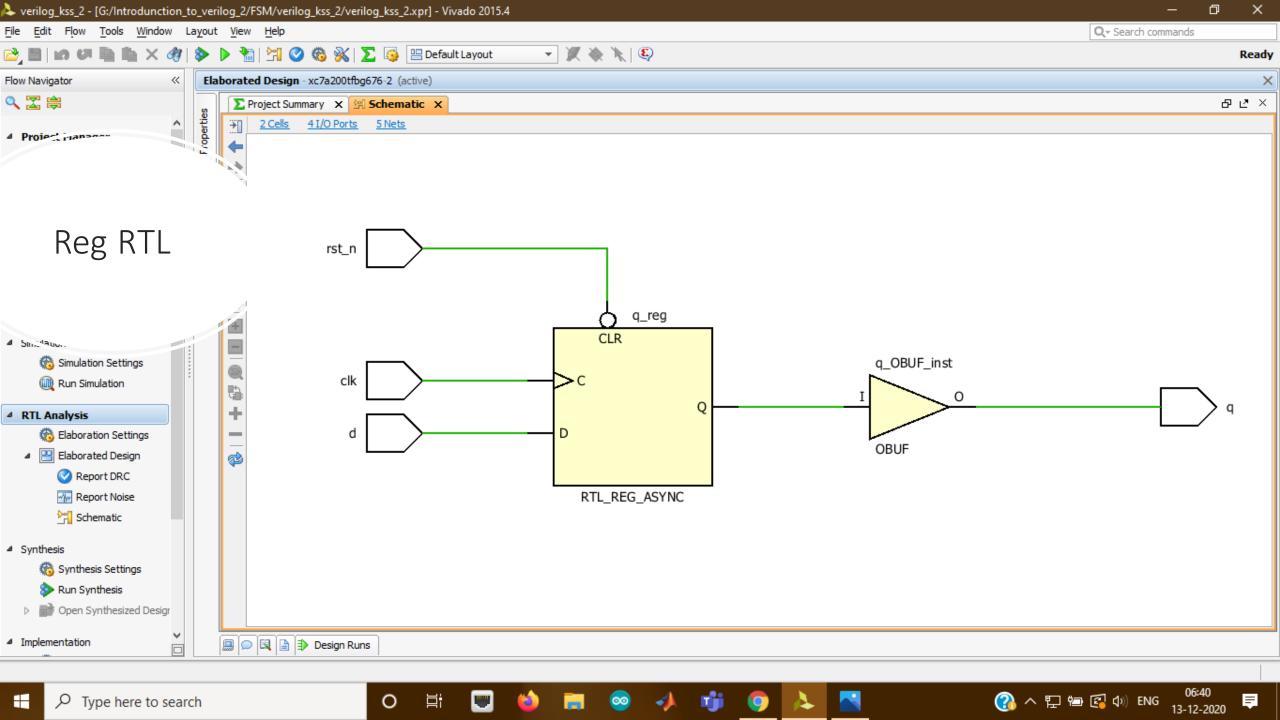
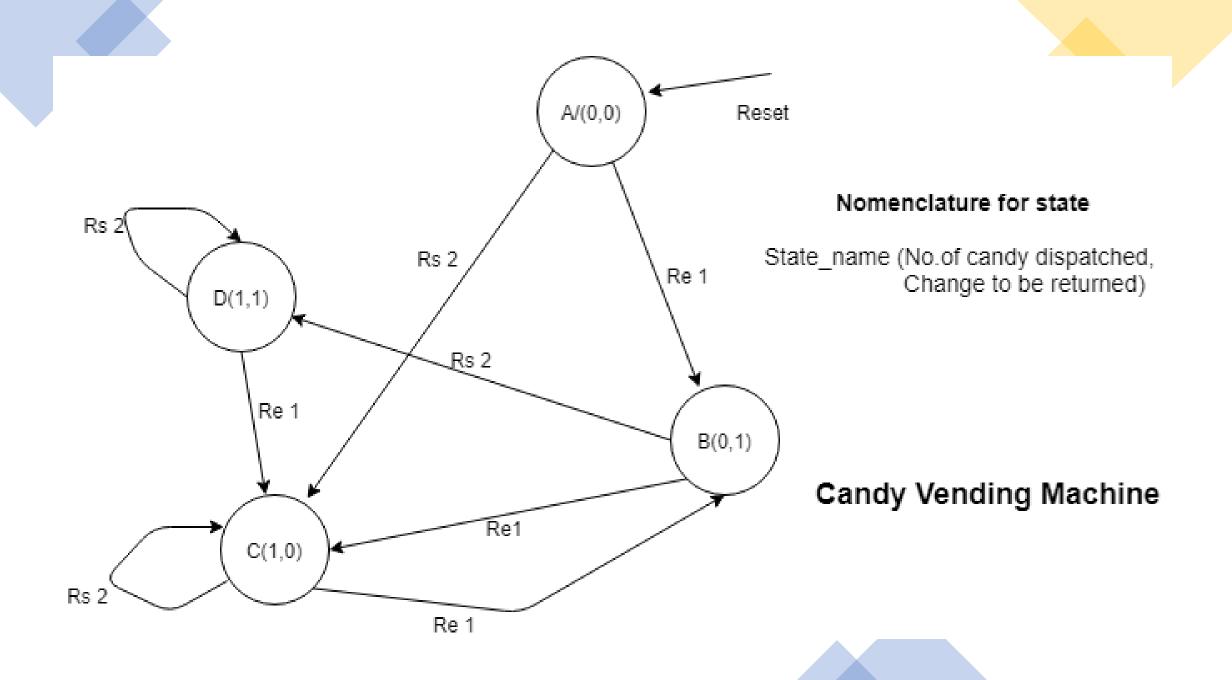
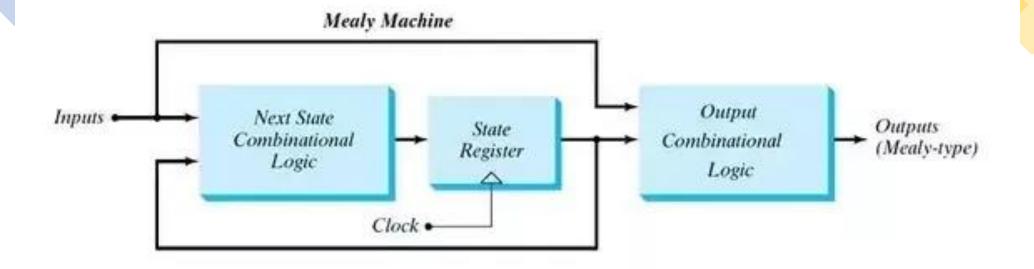


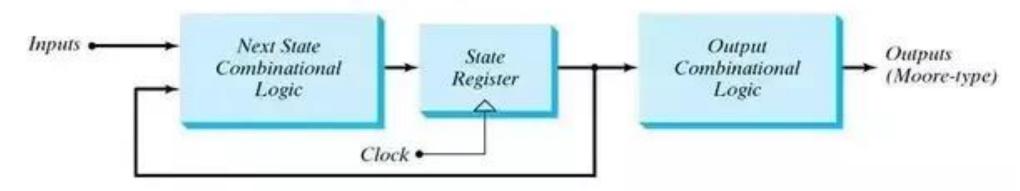
clk	D	Q	Ια
0	0	Q	a
0	1	Q	Q
1	0	0	1
1	1	1	0

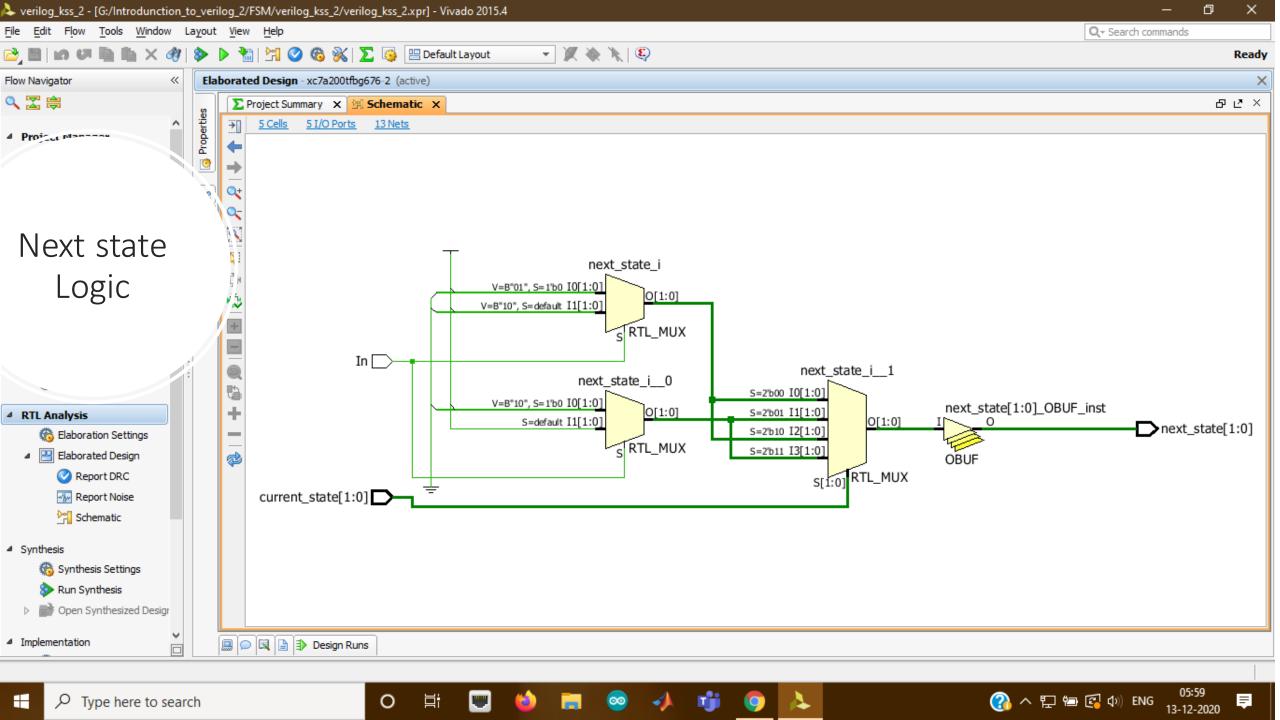


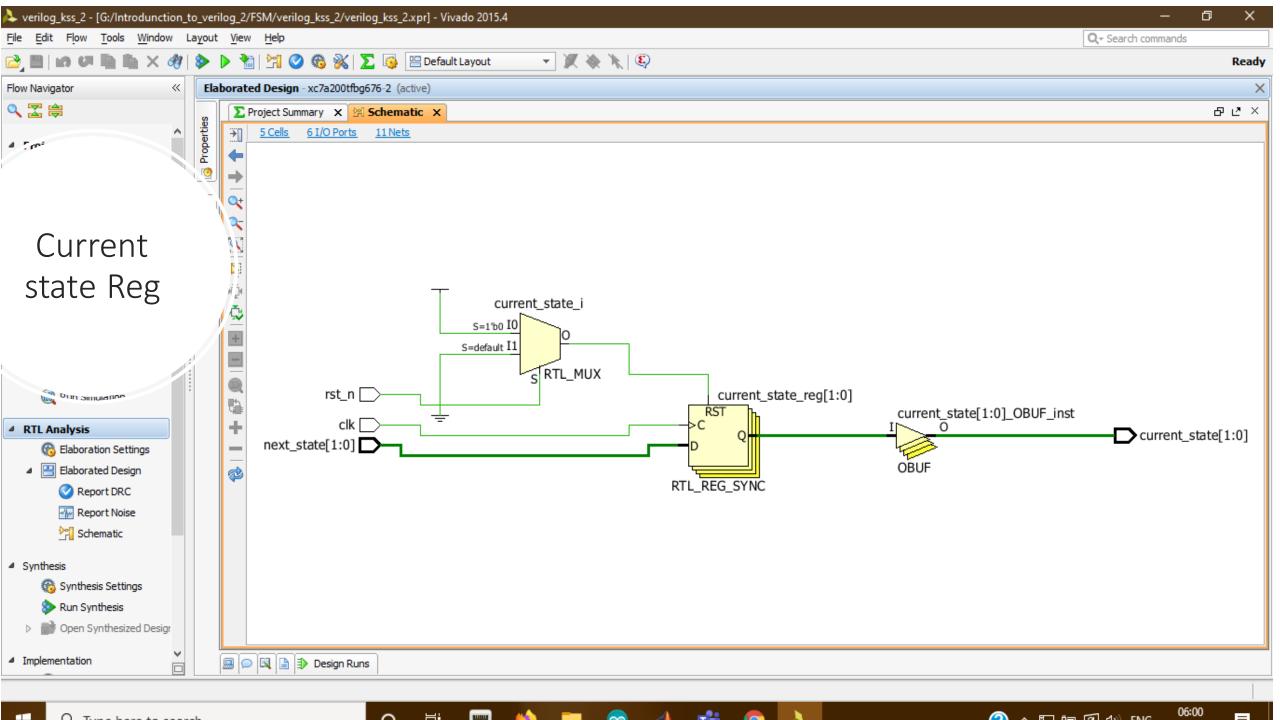


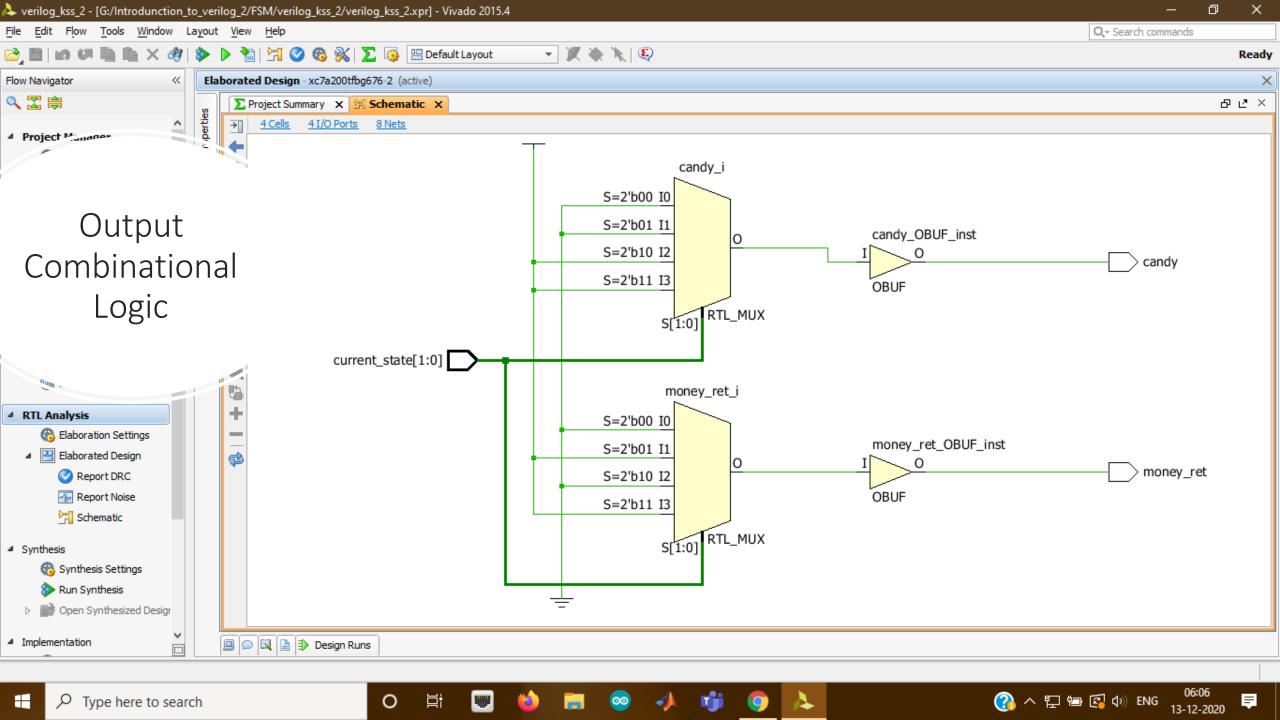


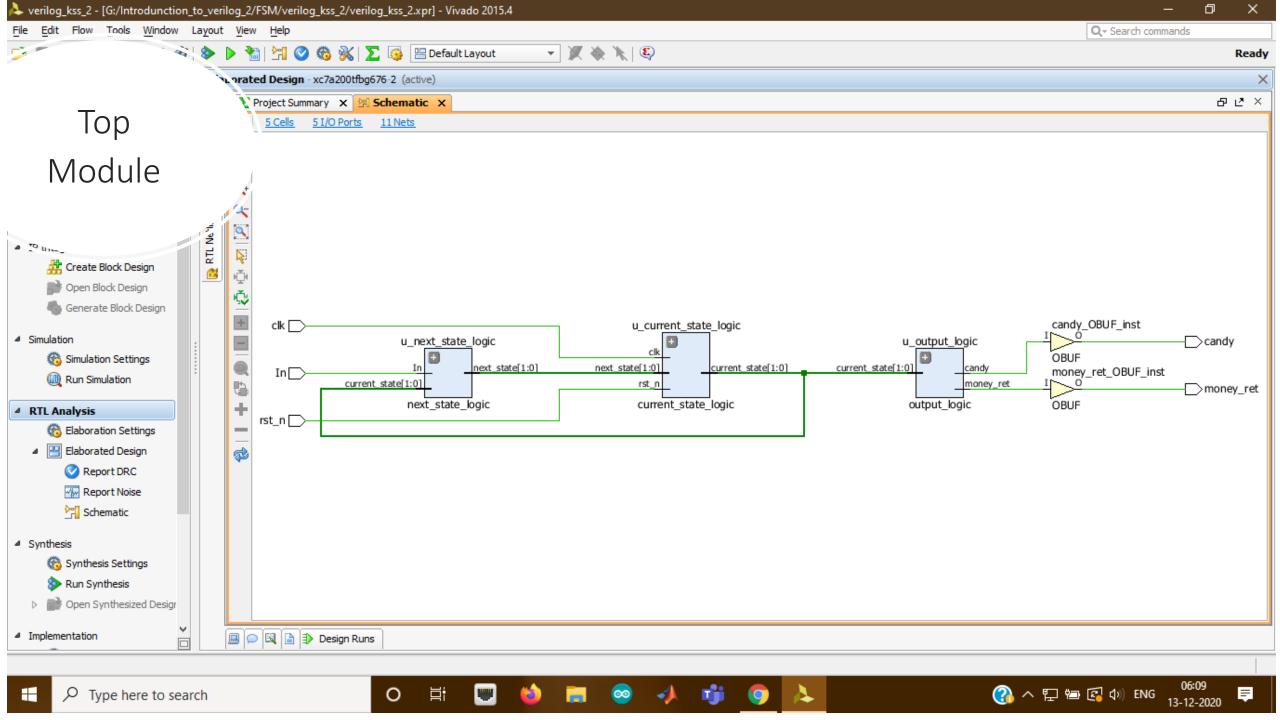
## Moore Machine

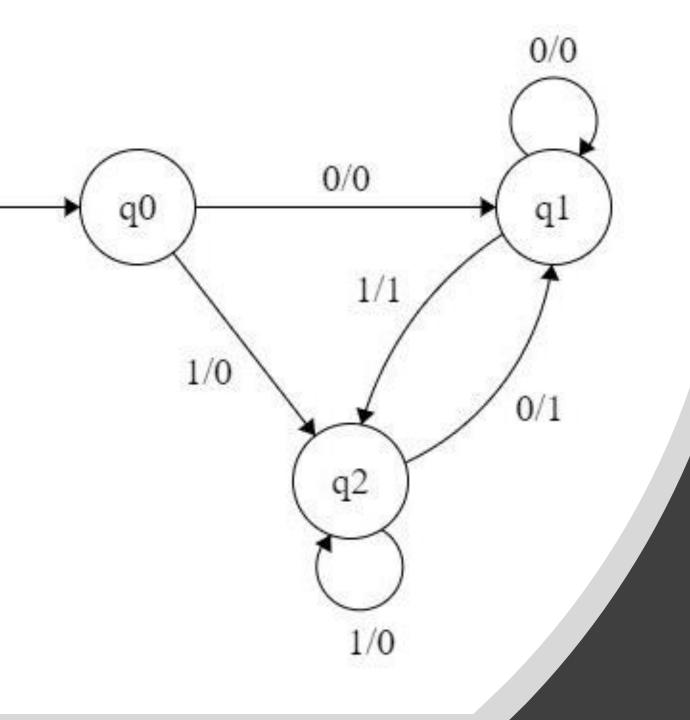




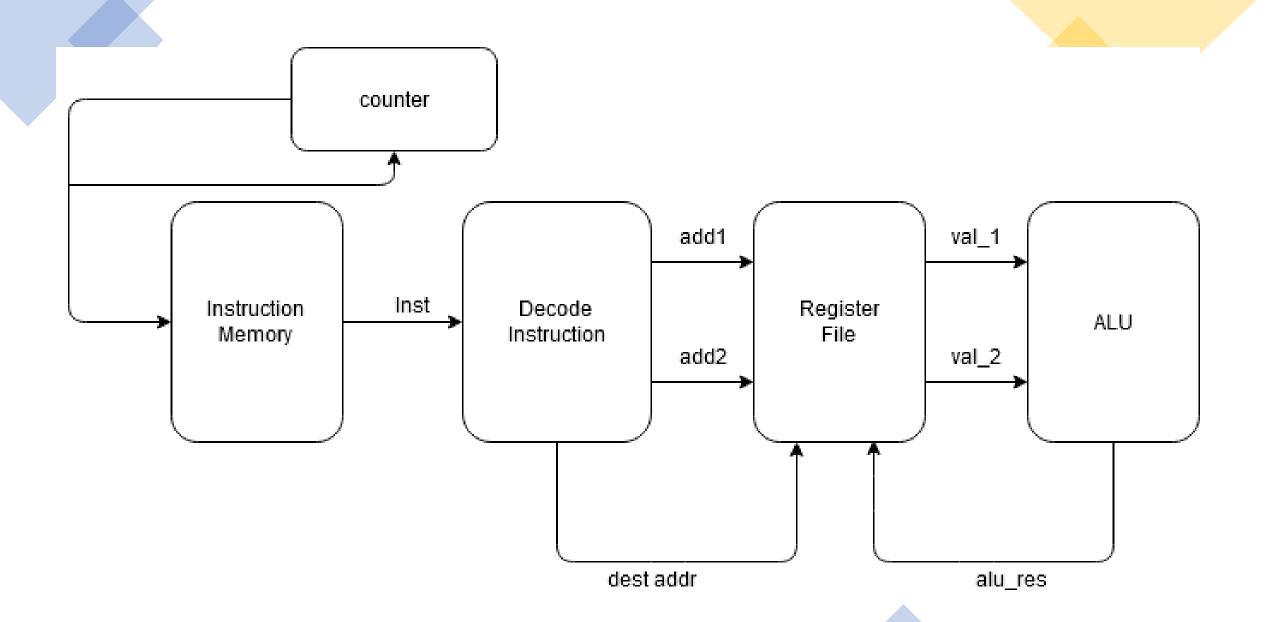








Try This
(Mealy
Machine)



## Description for the processor

Perform ALU operations namely bitwise and, or, xor and negation (00 -> AND, 01 -> OR, 10 -> XOR, 11-> Neg)

The instructions are 8 bit wide

Instruction encoding is as shown

- 1. AND R2,R1,R0 ----> 00100100
- 2. OR R3,R1,R0 ----> 01110100

