

ENGR-433
Homework # 4

For the state machine whose state diagram is shown below

- Create next state logic using one-hot encoding of state numbers.
- Create output logic assuming one-hot encoded state numbers.

You just need to write the logic expressions, you don't need to draw logic diagrams

Assign the states this way:

- a - 10000
- b - 01000
- c - 00100 etc.

