Homework 8: EE 252 Digital Electronics

1. Determine the expressions for **d** and **e** in terms of **a**, **b** and **c**.



2.- Determine the counting sequence for the Verilog code below, starting with the pattern 001

3.- Design a modulo-6 counter, which counts in the sequence 0, 1, 2, 3, 4, 5, 0, 1, The counter counts the clock pulses if its enable input, w, is equal to 1. Use D flip-flops in your circuit.