EGC220

Problem 1

Using D flip-flops, design a counter with the following repeated binary sequence 1, 3, 5, 7. Assign the sequence as state values.

Problem 2

Using D flip-flops, design a counter with the following repeated binary sequence 1, 3, 5, 7. Assign the sequence as output values.

Problem 3

Using D flip-flops, design a counter with the following repeated binary sequence 1, 3, 5, 7 when input X = 1 and the reverse sequence when X = 0. Assign the sequence as state values.