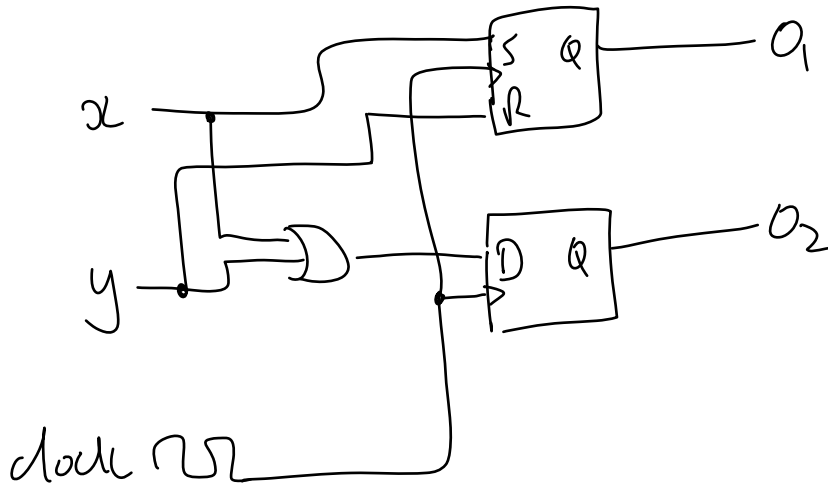


COMP 251 Midterm Exam 1, Example Question

Question 1. For the following circuit, fill in the table of outputs for five successive clock cycles, assuming the given initial states and the inputs listed at each cycle in the table.



Clock cycle	x	y	O_1	O_2
0	0	0	1	0
1	1	0		
2	0	1		
3	0	0		
4	1	0		
5	1	1		