

Question: Following are the initial values of all register components of the following circuit
r0: 0000 0000 0000 0000, r1: 1111 1111 1111 1111,r2: 1010 1010 1010 1010,r3: 1100 1100 1100 1100

The input signal on the next clock cycle is as follows

DA: 010 Load:0 Clk:0 D: 0010 0010 0010 0010 AA: 011 BB:010

What will be contents of the registers, output A and Output B after this signal?

r1:	r2:
r3:	r4:
A:	B:

