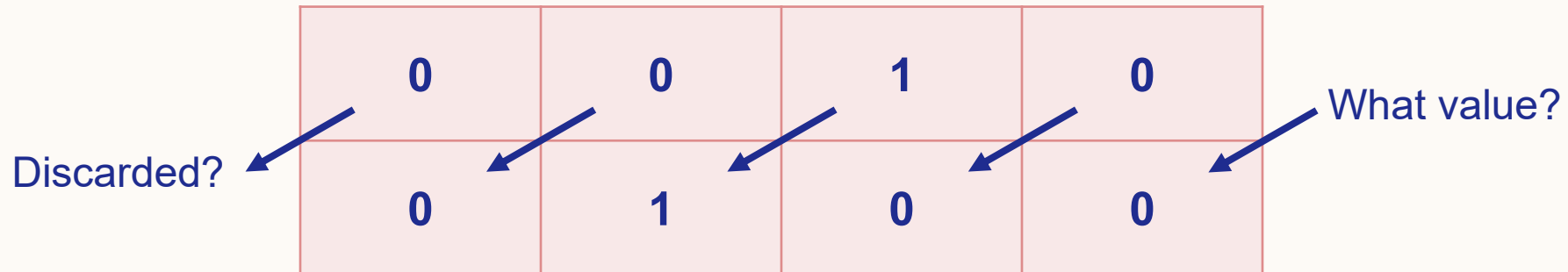


SHIFT REGISTER

Create a circuit that will shift a 16-bit binary number. On a **falling edge**:

- If **load** is high, should load the value from **in**
- If **shift** is high, should load the previous value “shifted” by one place to the left



You may assume *load* and *shift* are not high at the same time...