back to one of its inputs as shown in the figure.
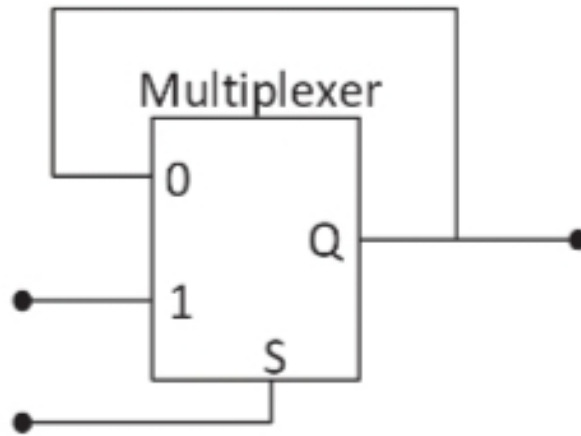

Figure 1: circuit

1. Match the functional equivalence of the circuit to one of the following options.

    (a) D Flip-flop

    (b) D Latch

    (c) Half-adder

    (d) Demultiplexer