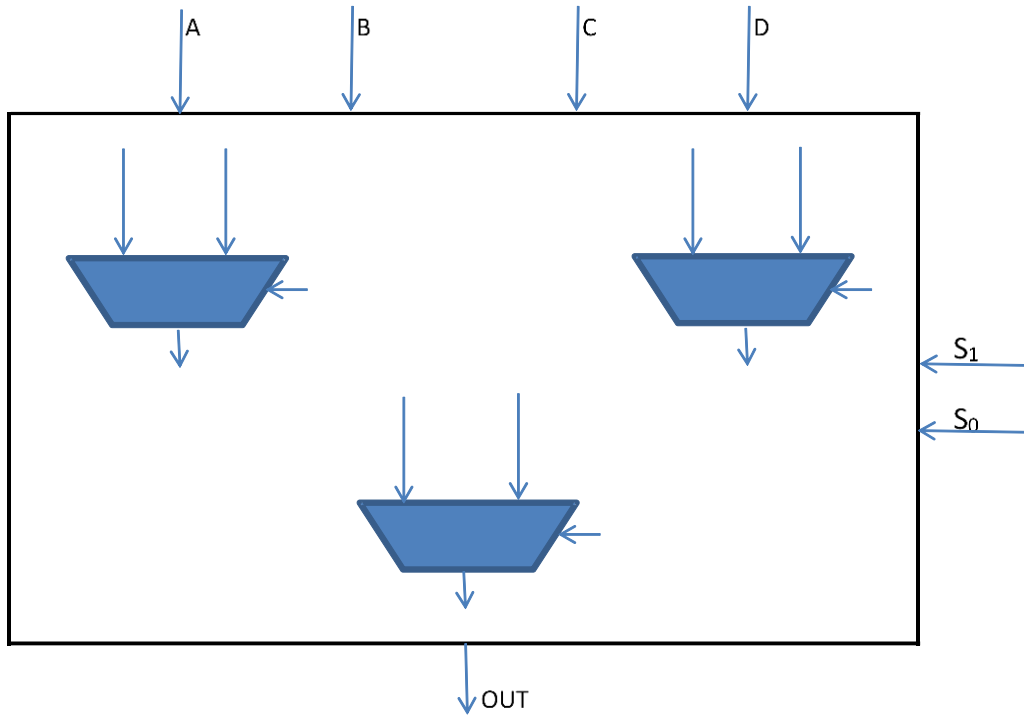


CDA 3103 Worksheet-7: Multiplexers

Show how to construct a 4-TO-1 Multiplexer using only 2-TO-1 Multiplexers.

- Source the data inputs of each 2-TO-1 MUX
- Source the final output OUT
- Source the selector/control inputs of each 2-TO-1 MUX



Complete the truth-table for your 4-TO-1 Multiplexer:

S_1	S_0		OUT