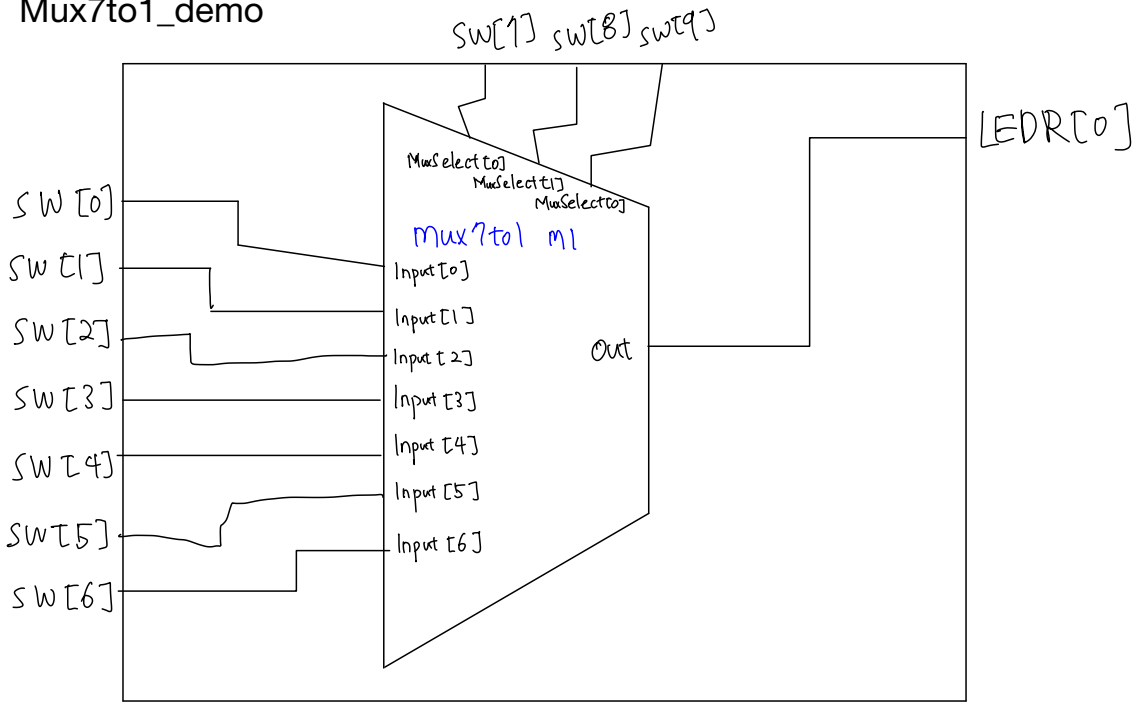


# Part1 Pre-Lab

## Mux7to1\_demo



MuxSelect	Out
0 0 0	Input[0]
0 0 1	Input[1]
0 1 0	Input[2]
0 1 1	Input[3]
1 0 0	Input[4]
1 0 1	Input[5]
1 1 0	Input[6]

- The default value for this multiplexer is 1'b0.
- therefore, If MuxSelect is not in range between 000 → 110, 1'b0 will be assigned to Out.