

HW2 barrel shifter

- 00 Rotate left.  $[15:0] \rightarrow [0:15]$
- 01 Shift left.  $[15:0] \rightarrow [14:1]$
- 10 Shift right. arithmetic.  $[15:0] \rightarrow [15:1]$
- 11 Shift right. logical.  $[15:0] \rightarrow [14:1]$

Topology

