# MEALY for PART 2



State diagram with states:
- State **00** (box)
- State **01** (box)
- State **10** (box)

Decision diamonds labeled **ain** with branches.

First **ain** diamond: branches labeled **00**, **11**, **10**, **01**

Second **ain** diamond: branches labeled **01**, **11**, **00**, **10**

Output bubbles:
- Yout = 0
- Yout = ~Yout
- Yout = 1

10

ain  11

01

11

11

ain  00

10

01