

- Sequential circuits retain state in storage elements.
- Storage elements for sequential circuits are **flip-flops**.
- Each flip-flop stores one (1) bit.
- Flip-flops have controls that **set** the flip-flop so that its output is a one (1) and controls that **reset** the flip-flop so that its output is a zero (0).

**set: 1**

**reset: 0**