- Sequential circuits retain state in storage elements.
- Storage elements for sequential circuits are \textit{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).
  - \texttt{set: 1}
  - \texttt{reset: 0}