CSIE 2344: Discussion (Unit 12)

1 Counter Design

Design a 3-bit counter which counts CBA in the sequence: 001, 100, 101, 111, 110, 010, 011, and repeats.

- 1. Use D flip-flops.
- 2. Use T flip-flops.
- 3. Use S-R flip-flops.
- 4. Use J-K flip-flops.
- 5. What will happen if the counter is started in state 000?

