

Bidirectional Counter

Post Lab Assignments:

1. Beginner:

Design a 4 bit counter which will output only even or odd numbers depending upon a mode control input. While switching from even to odd and vice-versa just increment the current number by 1.

2. Intermediate:

Design a 4 bit asynchronous counter using structural description.

3. Advanced:

Design a 4-bit LFSR using structural description.