Lab Report

LAB — 11
CSE — 206

Presented By:

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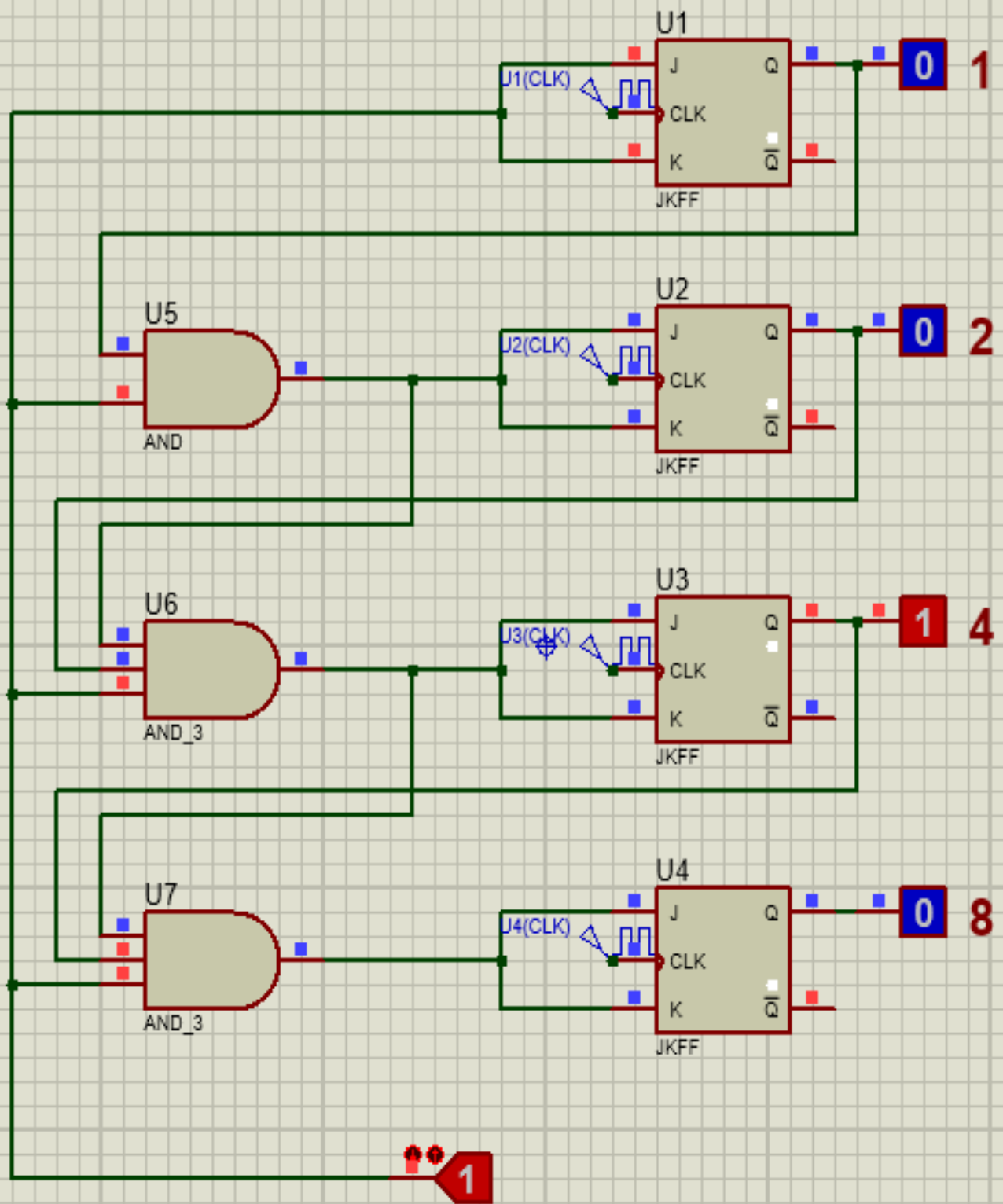Department of Computer Science & Engineering
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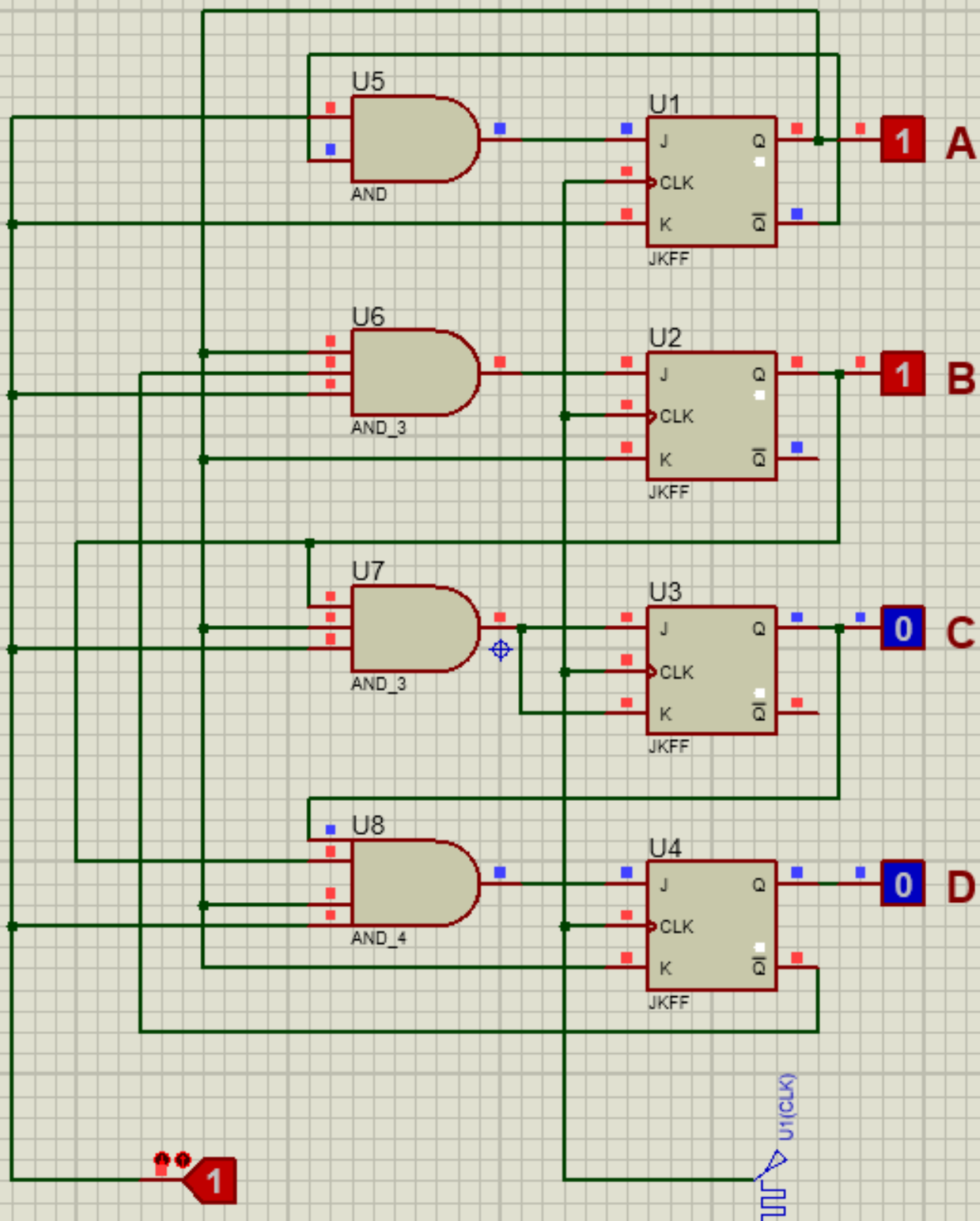**Name of the experiment:** Construction of counters and Registers.

Description:

BCD counter: A BCD counter is one of the types of most widely used digital counters, which counts up to 10 with an applied clock signal. It is a 4-bit binary digital counter, counts from 1(0001) to 10(1010).

Binary counter: A binary counter is a hardware circuit that is made out of a series of flip-flops. The output of one flip-flop is sent to the input of the next flip-flop in the series. A binary counter can be either asynchronous or synchronous, depending on how the flip-flops are connected.

Binary Counter

BCD Counter

Conclusion:

(i) We have learnt about counter.

(ii) We have learnt about BCD counter and it's implementation.

(iii) We have learnt about Binary counter and it's implementation.

THE END