

DIGITAL SYSTEMS

PRACTICUM 12



By:

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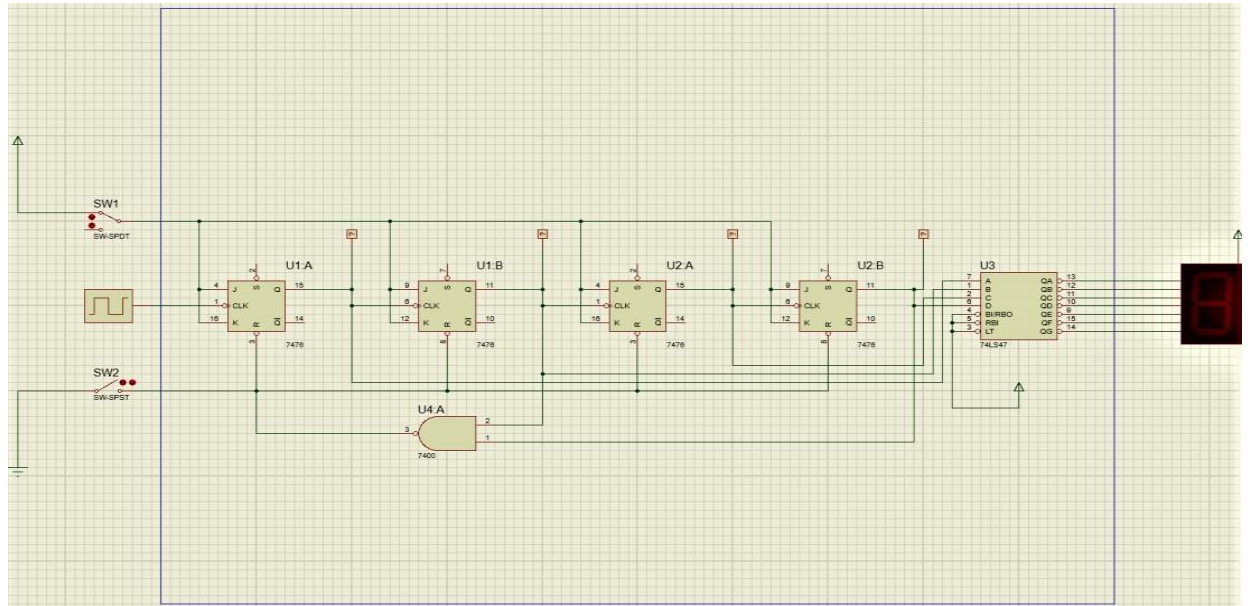
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INFORMATION TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATICS

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Experiment 1

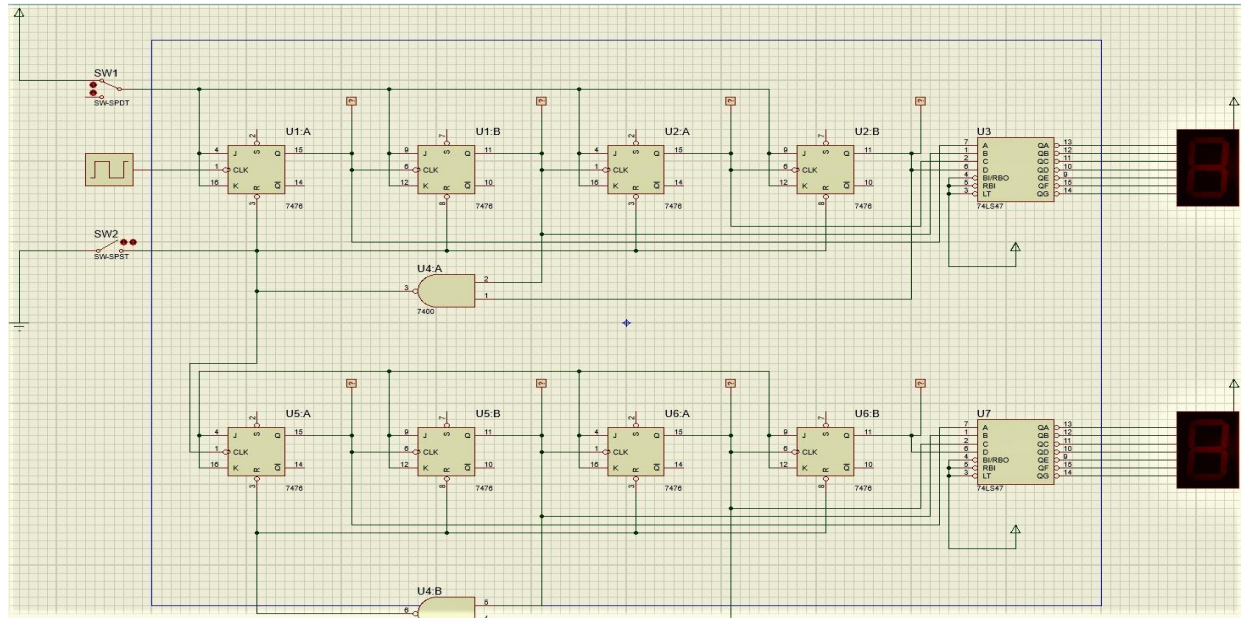


Picture 1.1. Modulus 10 and Decoder circuit

1. What is the output seen in the seven segment?

Answer: The seven segment output is in the form of calculations from 1 to 9.

Experiment 2



Picture 2.1. Modulus 6 and Decoder circuit

1. What is the clock function in the series above?
 Answer: To determine the speed of calculation.
2. Explain the usefulness of the SPDT Switch in the series above!
 Answer: To check the value of the decoder.
3. Explain the usefulness of the SPST Switch in the series above!
 Answer: To stop counting.