DIGITAL SYSTEM

PRACTICUM REPORT 12 : IMPLEMENTATION

NIM   : L200184172

NAME   : HAFSHAH FITRI AFIFAH

INFORMATION TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATICS

MUHAMMADIYAH UNIVERSITY OF SURAKARTA

2019

NIM　　　　　　　　: L200184172
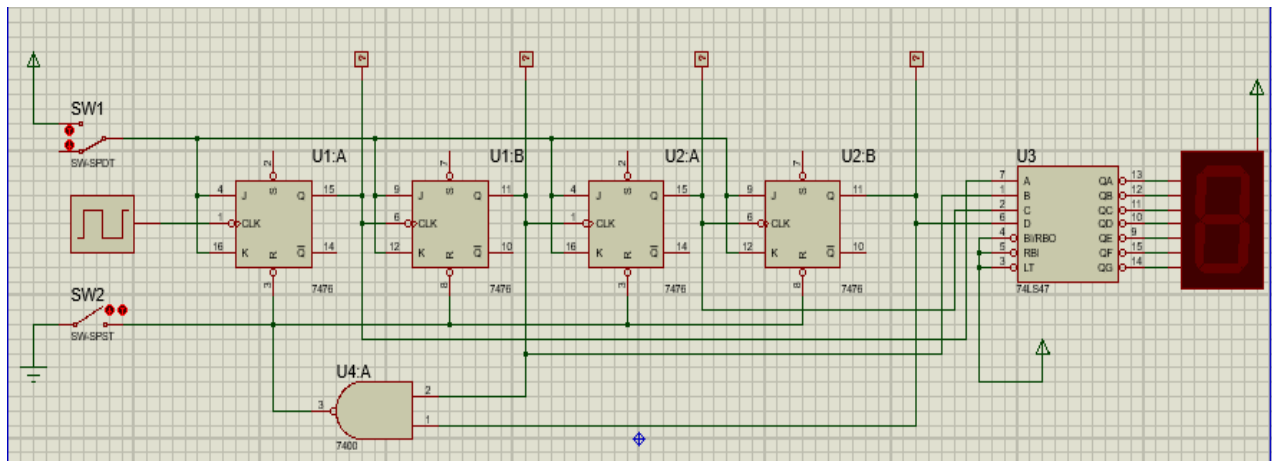
NAME　　　　　　　: HAFSHAH FITRI AFIFAH
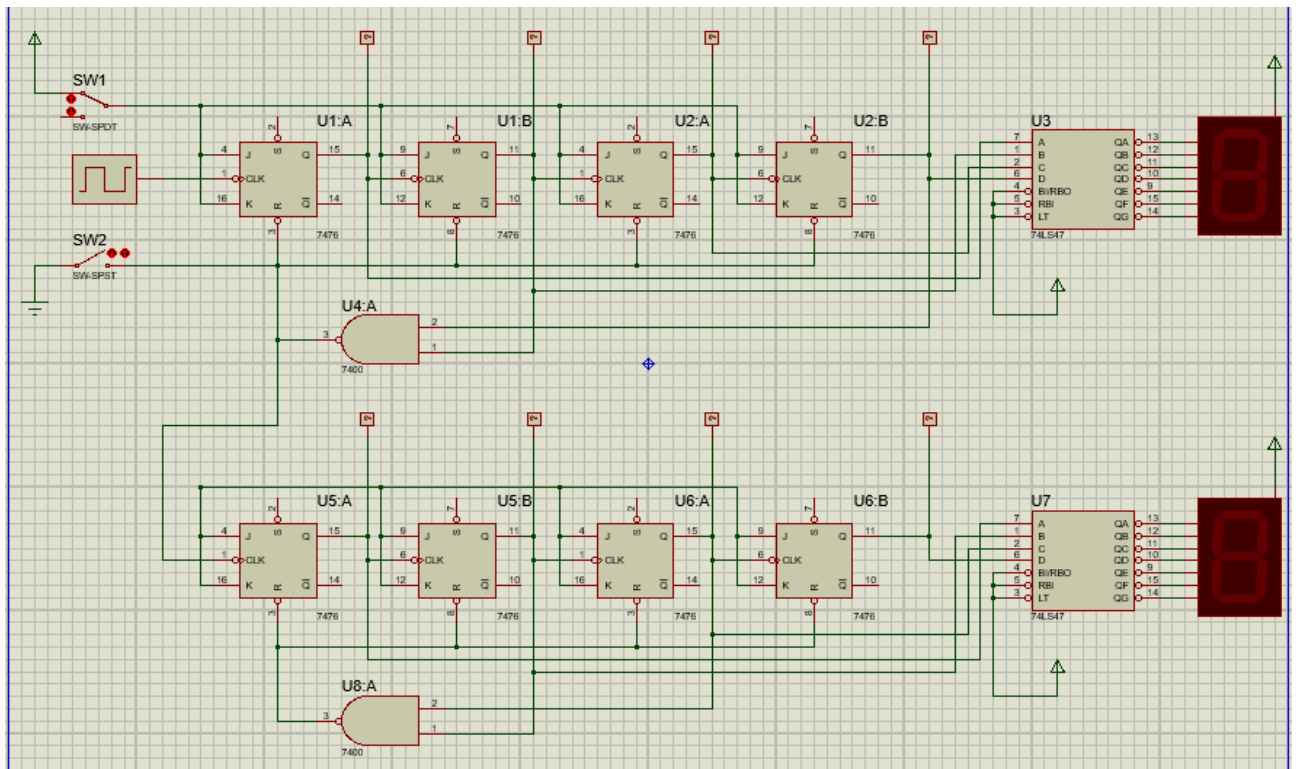
CLASS　　　　　　　: X

ASSISTANT　　　　　: SALSA SASMITA MUKTI

DATE OF PRACTICUM　: Friday, June 28th 2019
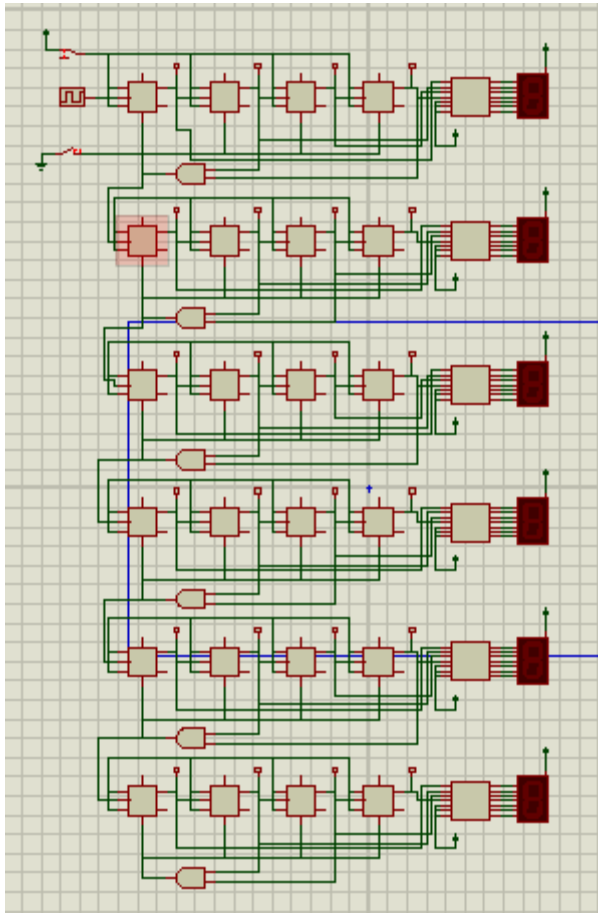
#Exercise 1 (Circuit of Modulus 10 and Decoder)

Output in seven segmen : forming a series of 0 until 9 digits that appear alternately

#Exercise 2

- **The function of clock**

  To set the speed of appearance of digits on the 7 segment

- **The function of SW-SPDT**

  To check the value of the decoder

- **The function of SW-SPST**

  To stop counting

Calculation of cycle time and minute cycle

Additional Assignment (Digital clock counter)