

# LAB 05

## 2. The first stage of Assignment 1:

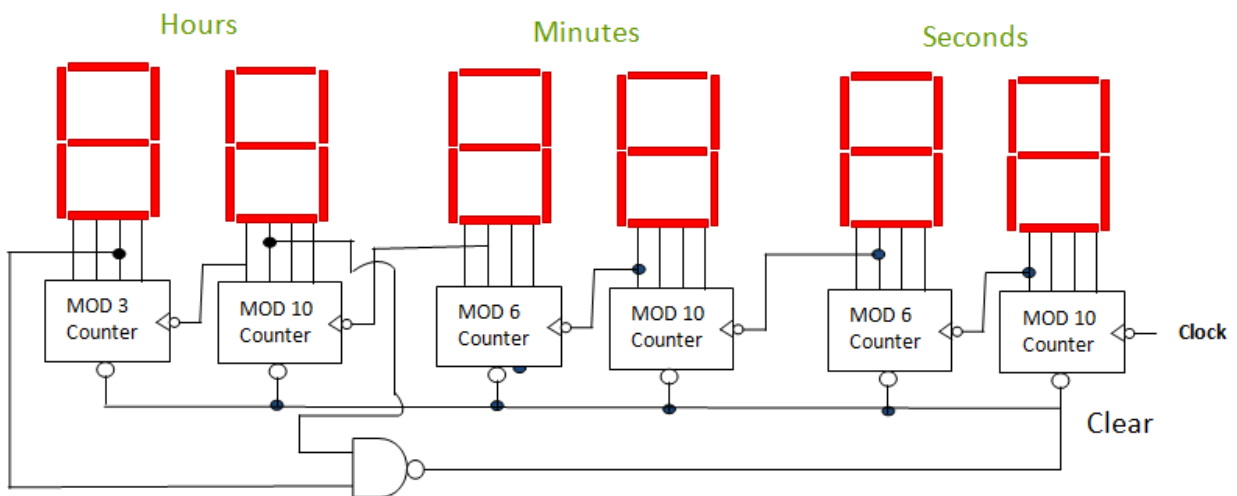
2.1. Designing a MOD counter for minute's section, I would use:

- + 2 power/button
- + 1 clock
- + 7 LED
- + 7 J-K Flip Flop
- + 2 Hex Digit Display
- + 6 AND Gates

2.2. Resource:

- + Lecture slide week 3 for MOD counter

+ <http://jessicasiboro.blogspot.com/2019/08/e-starc-stopwatch-timer-alarm-clock-for.html?m=0> for clock's counter design



2.3. Logic circuit for 1<sup>st</sup> Stage:

