

# Lab 06

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**What is the most challenging component of the assignment? Be as specific as possible.**

I think that the most challenging component of this assignment is the set alarm part, which takes the most amount of time to do as we have to create a replica of the standard clock and make comparison between the bits.

**Document your progress so far and plans**

I have done everything except the set alarm part. The other part can be managed to do easily as everything is mentioned in the lecture (the counter, the reset). Set time mode can be done by replacing the pin input as 1 clock pulse. Alarm clock must also be use for the set alarm function.