



## Experiment 3 – Interrupt Usage on MSP430

### Work(10:30):

1. Write a C code that uses Timer A (by utilizing an interrupt service routine) to generate a breathing LED light. Any other type of delay except using Timer A with interrupt service routine is forbidden.

Breathing LED light means its intensity will change from low to high in a perceptible time. An example can be seen at gif files attached to experiment files.

Breathing pattern should take at least 1 second of time, if should be slow enough to be seen.

If you want, you can use two timers to achieve this effect.

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