



## Morse code

---

### Abstract

In this assignment, you will implement a simple 'Morse code' converter.

### Description

- Input: **3451** from the Serial Terminal Monitor
- Output: Blink the LED accordingly.

For this assignment, following the rules below:

1. A **dot** is 100ms long
2. A **dash** is equal to **3 dots**
3. A space between **parts** of the same letter/number is equal to **one dot**
4. The space between two **letters/numbers** is equal to **three dots**

Here is the link to International Morse code: [https://en.wikipedia.org/wiki/Morse\\_code#/media/File:International\\_Morse\\_Code.svg](https://en.wikipedia.org/wiki/Morse_code#/media/File:International_Morse_Code.svg)

### Delivery

There are two deliverables.

- Unlisted youtube video link for the blinking LED
- Upload the Arduino code.

### Due Date

**Wed Sep 11th, 11:59 PM EST**