# Arduino Morse Code Encoder with LCD Display

#Click Here to view and simulate: https://www.tinkercad.com/things/igzHQA1YZH5-morse-code-

### Project Description:

This Arduino project allows a user to input text via the Serial Monitor.

The Arduino converts the text to Morse Code and displays the Morse Code on a 16x2 LCD screen.

### Features:

- Serial Monitor input (user can type any sentence)

- Text-to-Morse conversion

- Morse code output on LCD display

- Works on Tinkercad Circuits (simulation)

### Components:

- Arduino Uno

- 16x2 LCD Display

- Potentiometer (for LCD contrast)

- Serial Monitor for user input

### How to Run:

1. Upload the `.ino` file to your Arduino.

2. Open the Serial Monitor.

3. Type your sentence.

4. Watch the Morse code display on the LCD.