



Mnemonic Device (Memory Game)

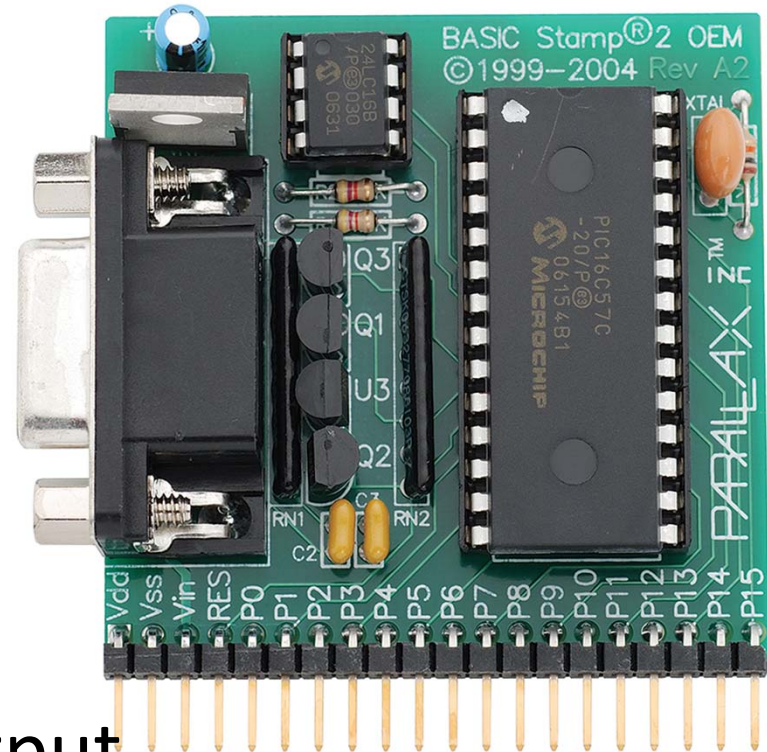
Nathaniel A. Sims

Sarad Dhungel

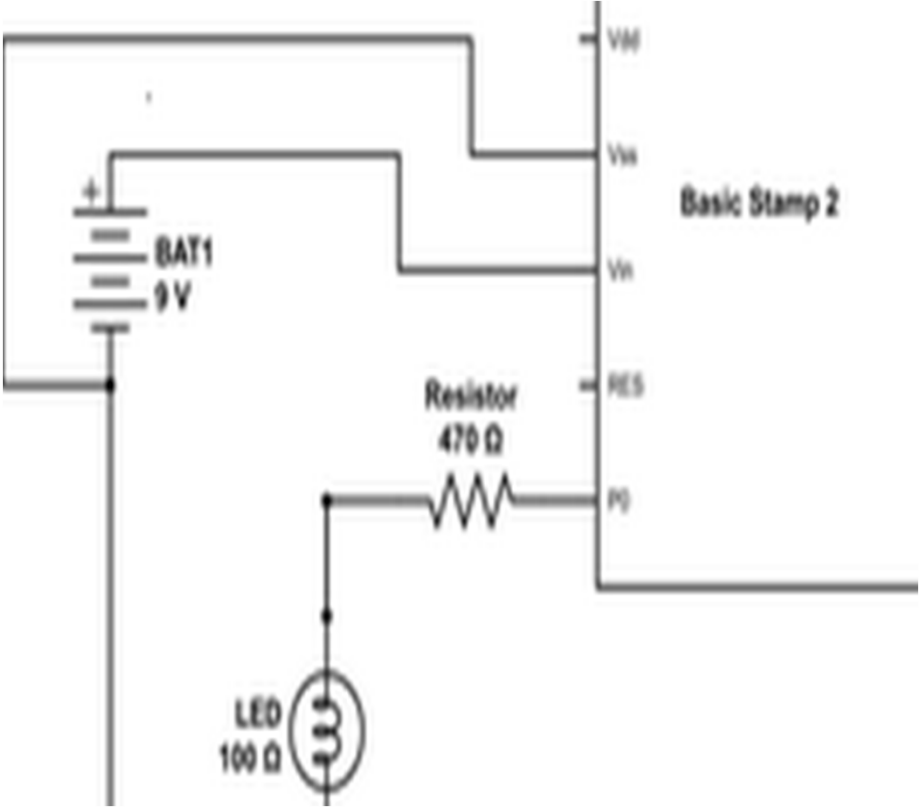
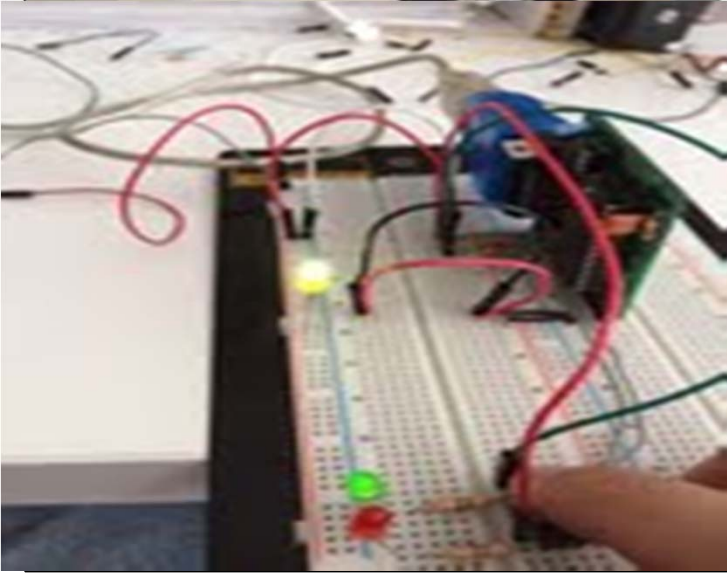
Von Miles

Week 1: BS2 Overview

- 9 Pin serial port
- Vin to +5V power
- Vss to ground
- Vdd to push buttons
- P0-P15 connected to output

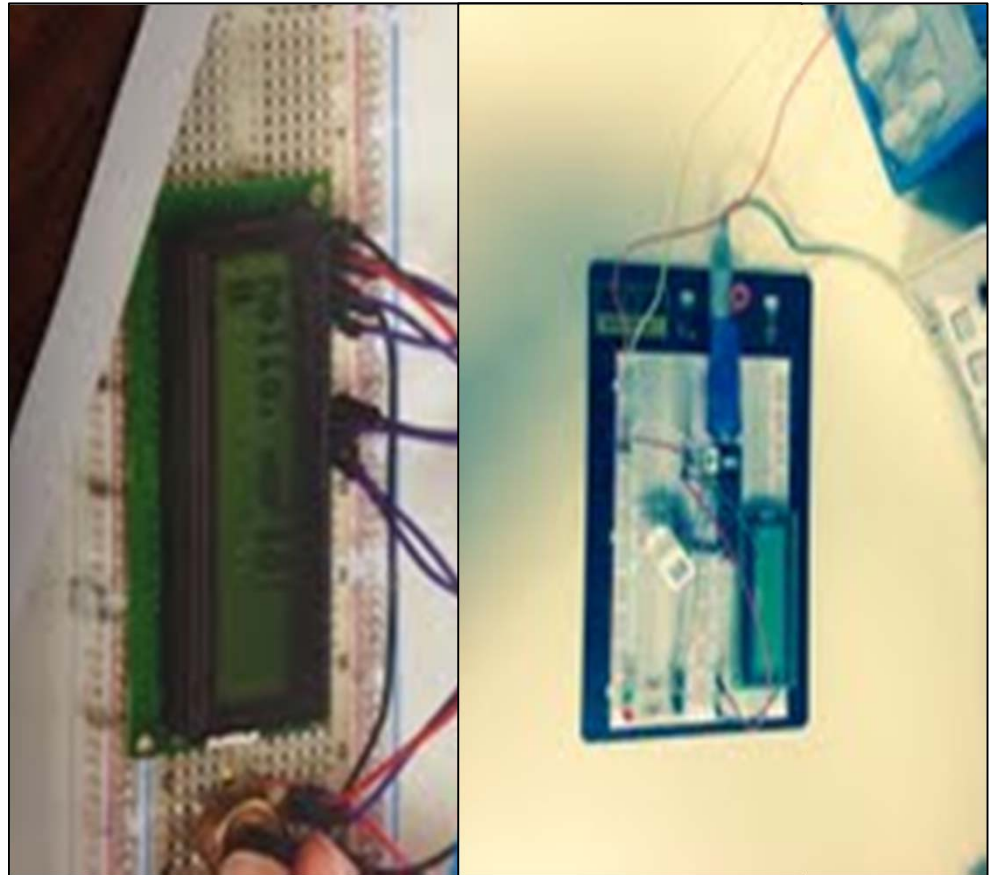


Week 2: Blinking LED



Week 3: Memory Game

- Memory retention-
Mnemonics
- ABC song
- Computer assembly
language
- Recall from memory
- **inc** (increase by 1)
random (choose at
random)



Week 4:

“Personal” Memory Game

- LCD Display- 2 lines of 16 characters
- 6 VDC Piezo- controlled by current direction
- Push buttons- temporary close circuit
- Resistors- limit current and divided voltage
- Bi-color LED- combines 2 LED's