LAB 5

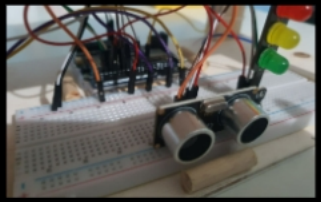
LABORATORIO INVENTATO

INVENTED LAB

DI CAPOZZI RICCARDO, COZZA LORENZO, MARINI NICCOLò, PARMA CHRISTIAN E PEZZOTTI GIANLUCA

Riassunto

IN QUESTA PRESENTAZIONE SPIEGHEREMO COME REALIZZARE UN DISTRIBUTORE DI PALLINE AUTOMATICO.



Summary

IN THIS PRESENTATION WE ARE GOING TO EXPLAIN HOW TO REALIZE AN AUTOMATIC BALL DISPENSER.

CONTENUTI/ *CONTENTS*

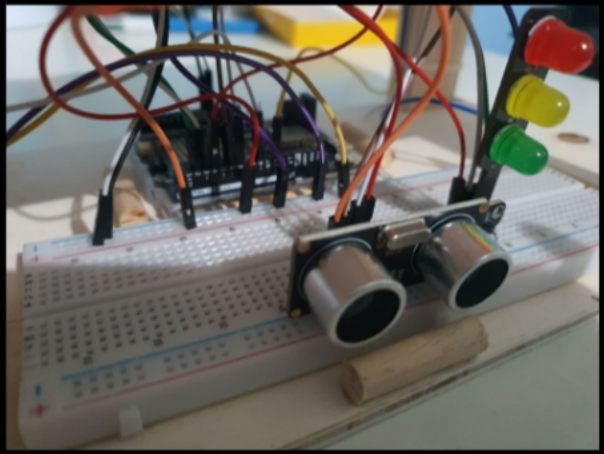
01. CIRCUITO / *CIRCUIT*

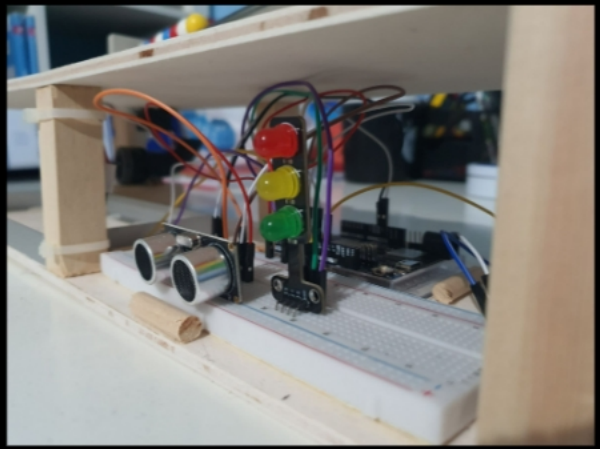
02. COMPONENTI / *MATERIALS NEEDED*

03. SCHEMA ELETTRICO / *ELECTRIC SCHEME*

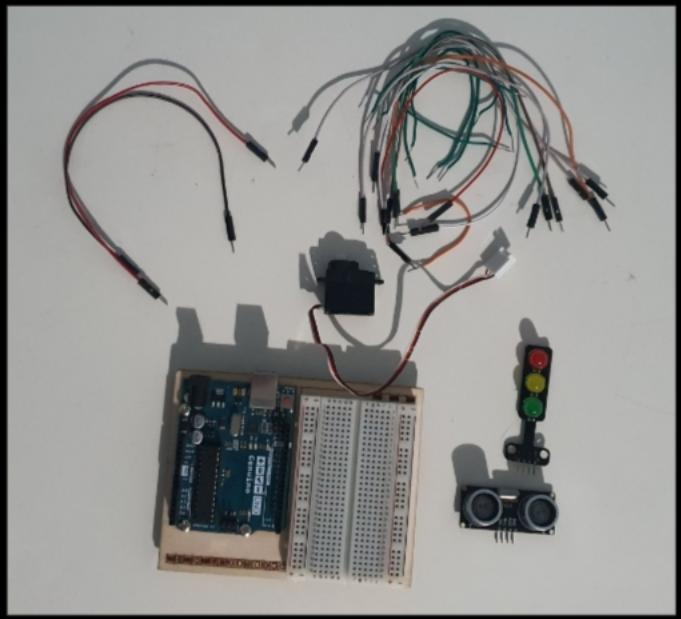
CIRCUITO / *CIRCUIT*

In questo circuito vi spiegheremo come realizzare un distributore automatico di palline, azionato semplicemente avvicinando la mano al sensore ad ultrasuoni.





In this circuit we are going to explain to you how to realize a ball dispenser that gives you a ball whenever you put your hand close enough to the ultrasonic sensor.



CIRCUITO / *CIRCUIT*

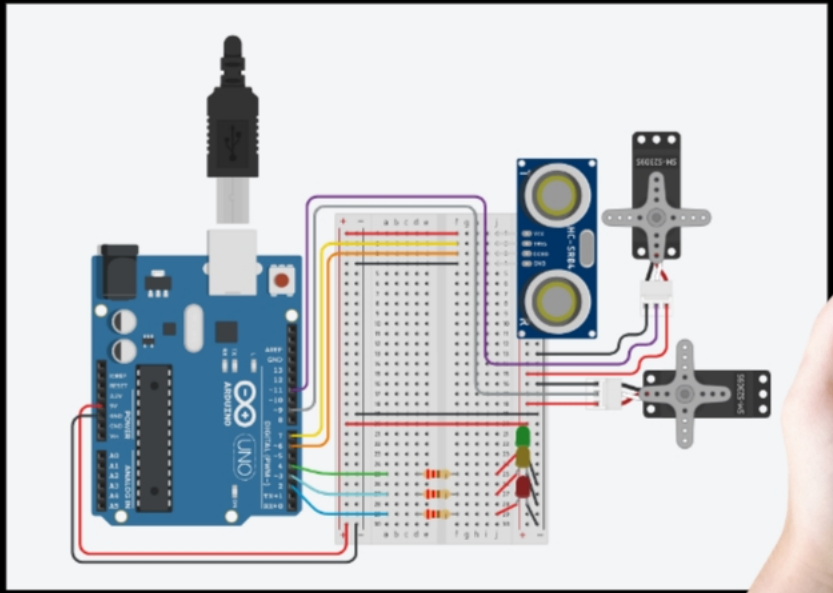
COMPONENTI / *MATERIALS NEEDED*

Per realizzare questo circuito, serviranno:
- Scheda Arduino Uno R3 / R4;
- Breadboard;
- 2x Cavi Jumper;
- 15x Ponticelli;
- 2x Servomotore;
- 3x Resistenza da 220Ω;
- 3x LED (possibilmente di colori differenti);
- Sensore ad Ultrasuoni;

In order to realize this circuit, you will need:
- *Arduino Uno Board R3 / R4;*
- *Breadboard;*
- *2x Jumper Cables;*
- *15x Cables;*
- *2x Servomotor;*
- *3x 220Ω Resistor;*
- *3x LEDs (possibly of different colours);*
- *Ultrasonic Sensor;*

CIRCUITO / *CIRCUIT*

SCHEMA FRITZING / *FRITZING SCHEME*



GRAZIE PER L'ATTENZIONE!

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