Components & Connections

- **Arduino Uno**: Controls the circuit.

- **Push Buttons (C, D, E, F, G, A, B)**: Each button is assigned a musical note (C, D, E, F, G, A, B) and connected to digital input pins.

- **Buzzer (Pin 13)**: Generates the sound when a button is pressed.

- **Breadboard**: Used for wiring the buttons and connecting to Arduino.

Working Principle

- When a button is pressed, the corresponding musical note frequency (defined in the code) is sent to the buzzer.

- The buzzer plays the note corresponding to the pressed button, simulating a piano.

- The code sets the buttons as **input with pull-up resistors**, ensuring they remain HIGH until pressed