Component	Description
Arduino UNO	A microcontroller board that runs the main code and controls the circuit.
Push Buttons (x7)	Act as keys for the piano. Each button triggers a specific musical note.
Buzzer	Outputs sound based on the frequency sent by the Arduino.
Resistors (optional)	Used with push buttons to limit current or ensure proper pull-up configuration.
Jumper Wires	Used to make electrical connections between components.
Breadboard	A platform for building and testing circuits without soldering.

Project Description:

This project is a beginner-level **Arduino piano** that plays musical notes when you press buttons. It uses seven push buttons connected to digital pins of the Arduino to simulate the seven notes of a piano (C, D, E, F, G, A, B). A **buzzer** connected to pin 13 of the Arduino produces sound corresponding to each key.

The push buttons are set up with internal pull-up resistors to detect when a button is pressed (active LOW). When a button is pressed, the Arduino reads it and plays a tone using the tone() function based on predefined frequencies for musical notes.