**Project Description:**

This project uses an **Arduino Uno**, **8 pushbuttons**, and a **piezo buzzer** to create a simple piano. Each button is assigned a different frequency, producing a distinct musical note when pressed.

**Components Used:**

* **Arduino Uno**
* **8 Pushbuttons** (connected to digital pins **2 to 9**)
* **Piezo Buzzer** (connected to **pin 13**)
* **Resistors (if needed)** for pull-downs or using internal pull-ups

**How It Works:**

* Each **pushbutton** is connected to a digital pin.
* When a button is **pressed**, the corresponding frequency is played on the **buzzer** using the tone() function.
* The tone(pin, frequency, duration) function generates the sound with a **specific frequency and duration**.
* A **small delay** prevents button press misreads.