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#include <FastLED.h>

int speedLed= 20;

//SOUND NUMBERS
int A= 2200; // 1▽ || highest form of S
int B= 2005; // 2▽
int C= 1000; // 3▽
int D= 300; // 4▽
int E= 90; // 5▽
int F= 85; // 6▽
int G= 74; // 7▽
int H= 20; // 8▽ || Lowest form of S

int Saturation=255;
int Value=255;

#define LED_PIN 7 //CONNECT DATA PIN OF PIXEL WITH 7 NUMBER PIN OF ARDUINO
#define NUM_LEDS 70 //CHANGE THE VALUE IF YOU WANT TO USE DIFFRENT NUMBER OF
LED IN YOUR STRIP, HERE IN MY STRIP NUMBER OF LED IS 60 SO I SET IT 60.

#define LED_PIN2 8
#define NUM_LEDS2 55

#define LED_PIN3 9
#define NUM_LEDS3 55

CRGB leds[NUM_LEDS];
CRGB leds_2[NUM_LEDS2];
CRGB leds_3[NUM_LEDS3];

int s=0;

void setup() {
    FastLED.addLeds<WS2812, LED_PIN, GRB>(leds, NUM_LEDS);
    FastLED.addLeds<WS2812, LED_PIN2, GRB>(leds_2, NUM_LEDS2);
    FastLED.addLeds<WS2812, LED_PIN3, GRB>(leds_3, NUM_LEDS3);
    FastLED.setBrightness(255);
    Serial.begin(9600);
    Serial.print("LED ON");
    pinMode(A0, INPUT);
}

void loop() {
    // Serial.println(s); //To check what numbers the sound sends back
    // delay(40);
    s=analogRead(A0);
    s=s*2;

    if((s>= B )&&(s<= A )) //-----
1▽
    {
        leds[NUM_LEDS]=CRGB ::Black;
        leds_2[NUM_LEDS2]=CRGB ::Black;

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    leds_3[NUM_LEDS3]=CRGB ::Black;                                //BLACK
}
else if((s>= C )&&(s<= B )) //-----
2▽
{
    leds[NUM_LEDS]=CHSV (255, 200, Value);
    leds_2[NUM_LEDS2]=CHSV (255, 200, Value);
    leds_3[NUM_LEDS3]=CHSV (255, 200, Value);
}
else if((s>= D )&&(s<= C )) //-----
3▽
{
    leds[NUM_LEDS]=CHSV (225, Saturation, Value);
    leds_2[NUM_LEDS2]=CHSV (225, Saturation, Value);
    leds_3[NUM_LEDS3]=CHSV (225, Saturation, Value);
}
else if((s>= E )&&(s<= D )) //-----
4▽
{
    leds[NUM_LEDS]=CHSV (200, Saturation, Value);
    leds_2[NUM_LEDS2]=CHSV (200, Saturation, Value);
    leds_3[NUM_LEDS3]=CHSV (200, Saturation, Value);
}
else if((s>= F )&&(s<= E )) //-----
5▽
{
    leds[NUM_LEDS]=CHSV (180, Saturation, Value);
    leds_2[NUM_LEDS2]=CHSV (180, Saturation, Value);
    leds_3[NUM_LEDS3]=CHSV (180, Saturation, Value);
}
else if((s>= G )&&(s<= F )) //-----
6▽
{
    leds[NUM_LEDS]=CHSV (130, Saturation, Value);
    leds_2[NUM_LEDS2]=CHSV (130, Saturation, Value);
    leds_3[NUM_LEDS3]=CHSV (130, Saturation, Value);
}
else if((s>= H )&&(s<= G )) //-----
7▽
{
    leds[NUM_LEDS]=CHSV (110, Saturation, Value);
    leds_2[NUM_LEDS2]=CHSV (110, Saturation, Value);
    leds_3[NUM_LEDS3]=CHSV (110, Saturation, Value);
}
else if((s>=0)&&(s<= H )) //-----
8▽
{
    leds[NUM_LEDS]=CRGB ::White;                                     //White
    leds_2[NUM_LEDS2]=CRGB ::White;
    leds_3[NUM_LEDS3]=CRGB ::White;
}

for (int i = 0; i <= NUM_LEDS; i++) //-----*
{

```

