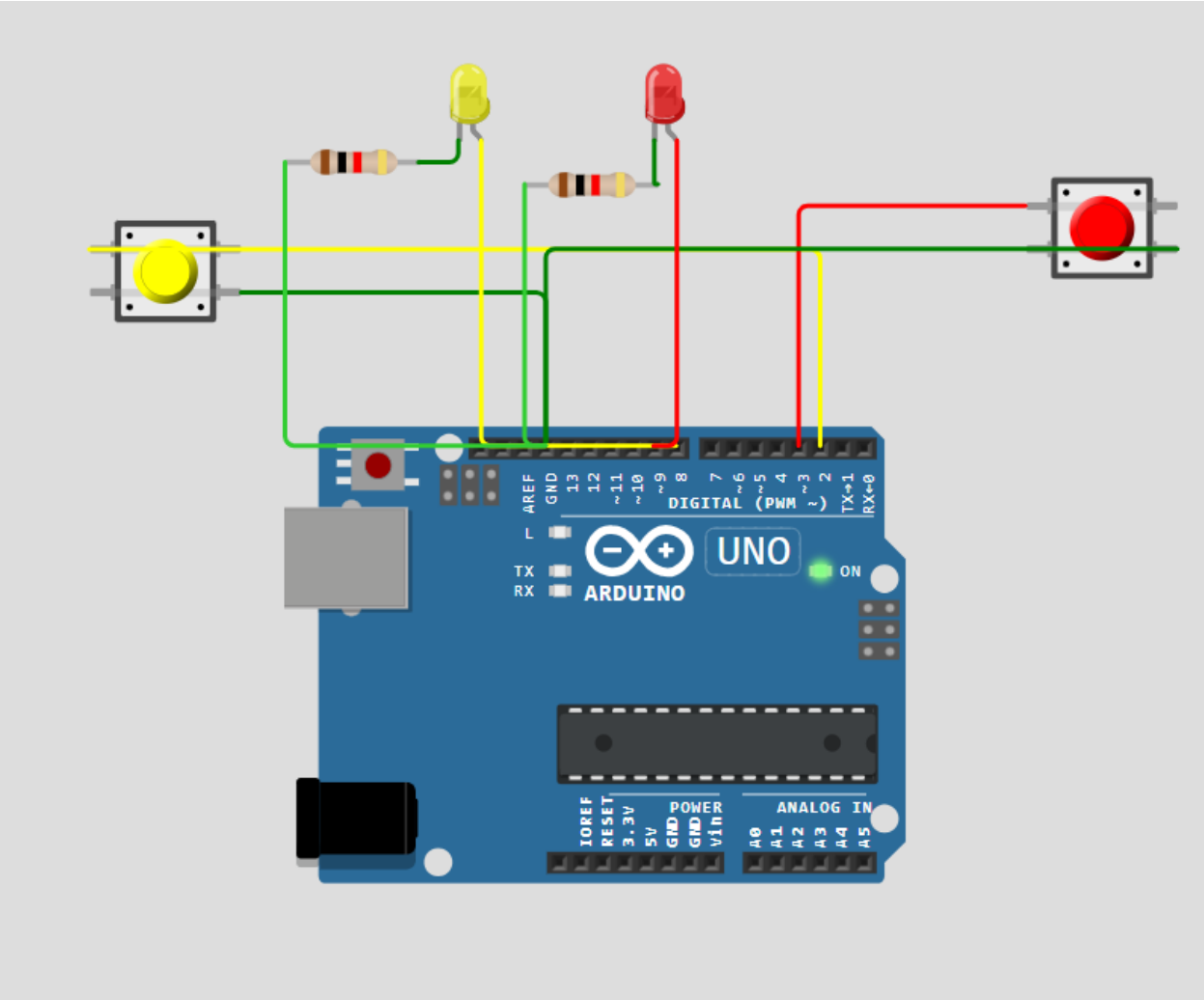
I want to two led and two button if button one press Then led 1 blink and button 2 press then led 2 blink with Arduino Uno.

You can easily do this with **2 buttons and 2 LEDs** using an **Arduino Uno**.
Goal:

- **Button 1 pressed → LED 1 blinks**
- **Button 2 pressed → LED 2 blinks**



Here is a **step-by-step way to build the circuit in Wokwi** using an **Arduino Uno**, **2 LEDs**, and **2 push buttons**. (https://wokwi.com/)

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1 Create a New Project

1. Go to **https://wokwi.com**
2. Click **New Project**
3. Select **Arduino Uno**

You will see the Arduino board and code editor.

---

2 Add Components

Click the **"+" Add Part** button and add:

- 2 × **LED**
- 2 × **Pushbutton**
- 2 × **Resistor**

Drag them onto the workspace.

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3 Connect the LEDs

LED 1

- LED **positive (long leg) → Arduino Pin 8**
- LED **negative (short leg) → Resistor → GND**

LED 2

- LED **positive → Arduino Pin 9**
- LED **negative → Resistor → GND**

4️⃣ Connect the Buttons

Button 1

- One side → **Pin 2**
- Other side → **GND**

Button 2

- One side → **Pin 3**
- Other side → **GND**

We will use **internal pull-up resistors in the code**, so no external resistor is required for the buttons.

Which Side Connects to What

Rule of thumb:

- **Left side → Arduino pin**
- **Right side → GND**

Example for Button 1:

```
Left side (1.1 or 2.1) → Arduino Pin 2
Right side (1.2 or 2.2) → GND
```

Example for Button 2:

```
Left side (1.1 or 2.1) → Arduino Pin 3
Right side (1.2 or 2.2) → GND
```

5️⃣ Paste This Code

```
const int button1 = 2;
const int button2 = 3;

const int led1 = 8;
const int led2 = 9;

void setup() {
  pinMode(button1, INPUT_PULLUP);
  pinMode(button2, INPUT_PULLUP);

  pinMode(led1, OUTPUT);
  pinMode(led2, OUTPUT);
}

void loop() {

  if (digitalRead(button1) == LOW) {
    digitalWrite(led1, HIGH);
    delay(300);
    digitalWrite(led1, LOW);
    delay(300);
  }

  if (digitalRead(button2) == LOW) {
    digitalWrite(led2, HIGH);
    delay(300);
    digitalWrite(led2, LOW);
    delay(300);
  }

}
```

6️⃣ Start Simulation

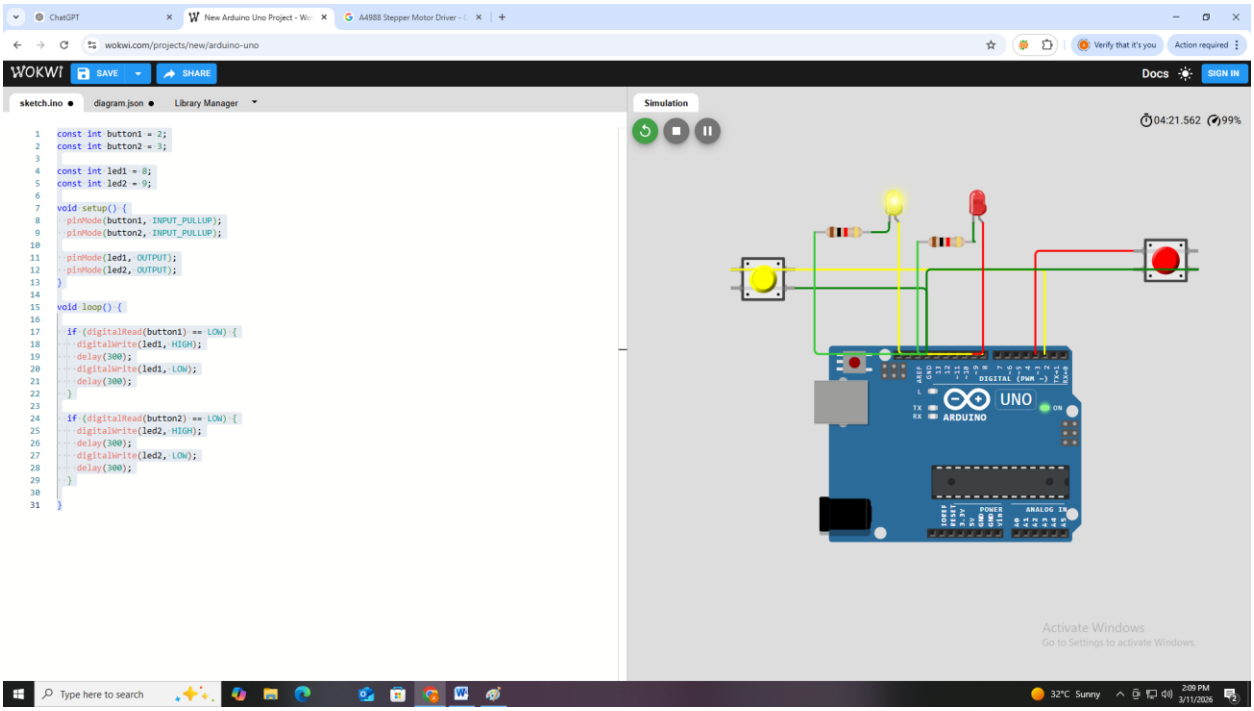
Click ▶ **Start Simulation**.

Now test it:

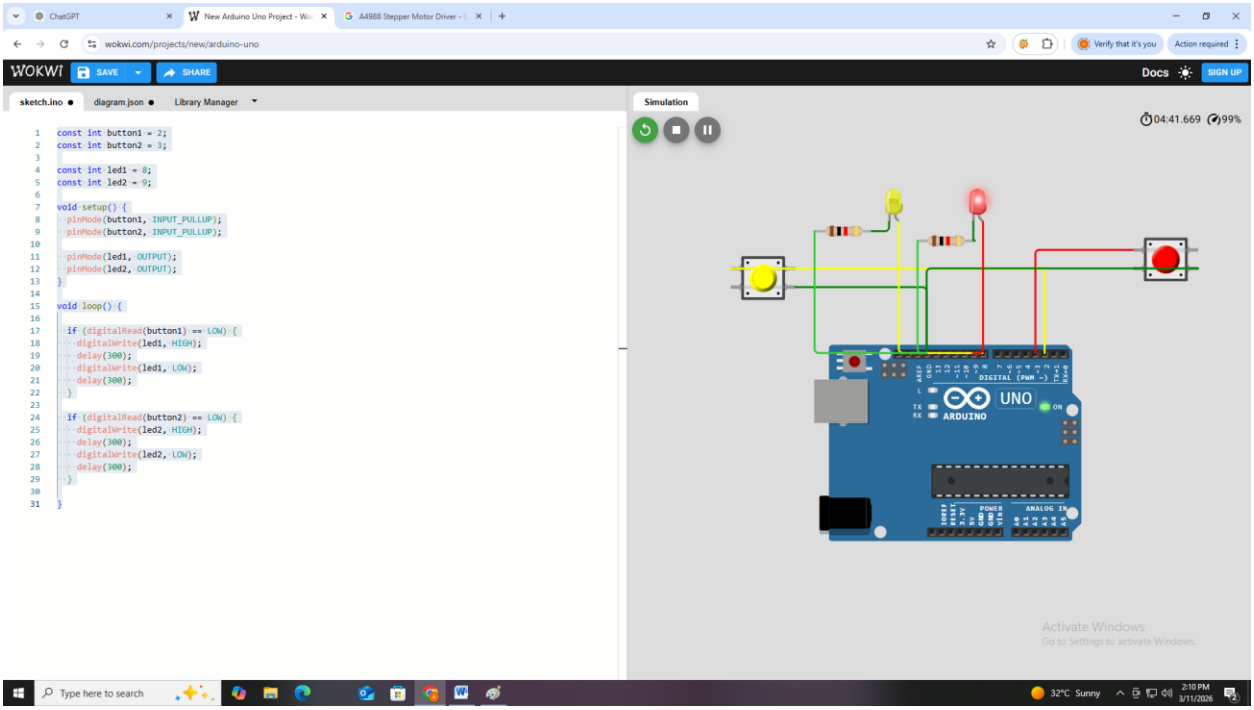
- Press **Button 1 → LED 1 blinks**
- Press **Button 2 → LED 2 blinks**

 Tip: In Wokwi you can press the **button with your mouse** to simulate pressing it.

- Press **Button 1 → LED 1 blinks**



And Press **Button 2 → LED 2 blinks**

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    delay(300);
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    delay(300);
  }

}
```