



ODT

Week 4

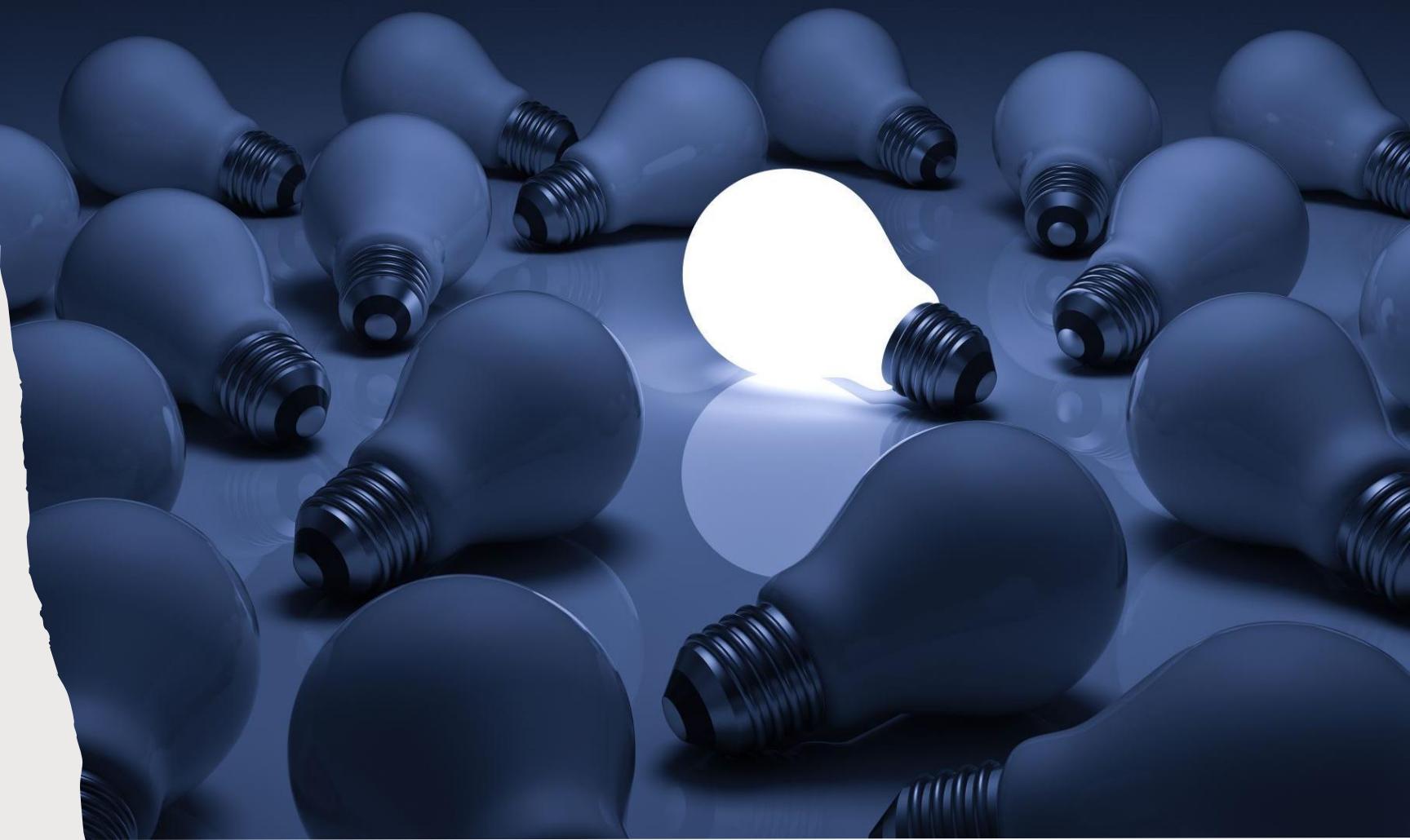


Touch Pin of ESP32

If & Else

Activity : Multiple LEDs & TouchPins

If & Else



Flow of a Code



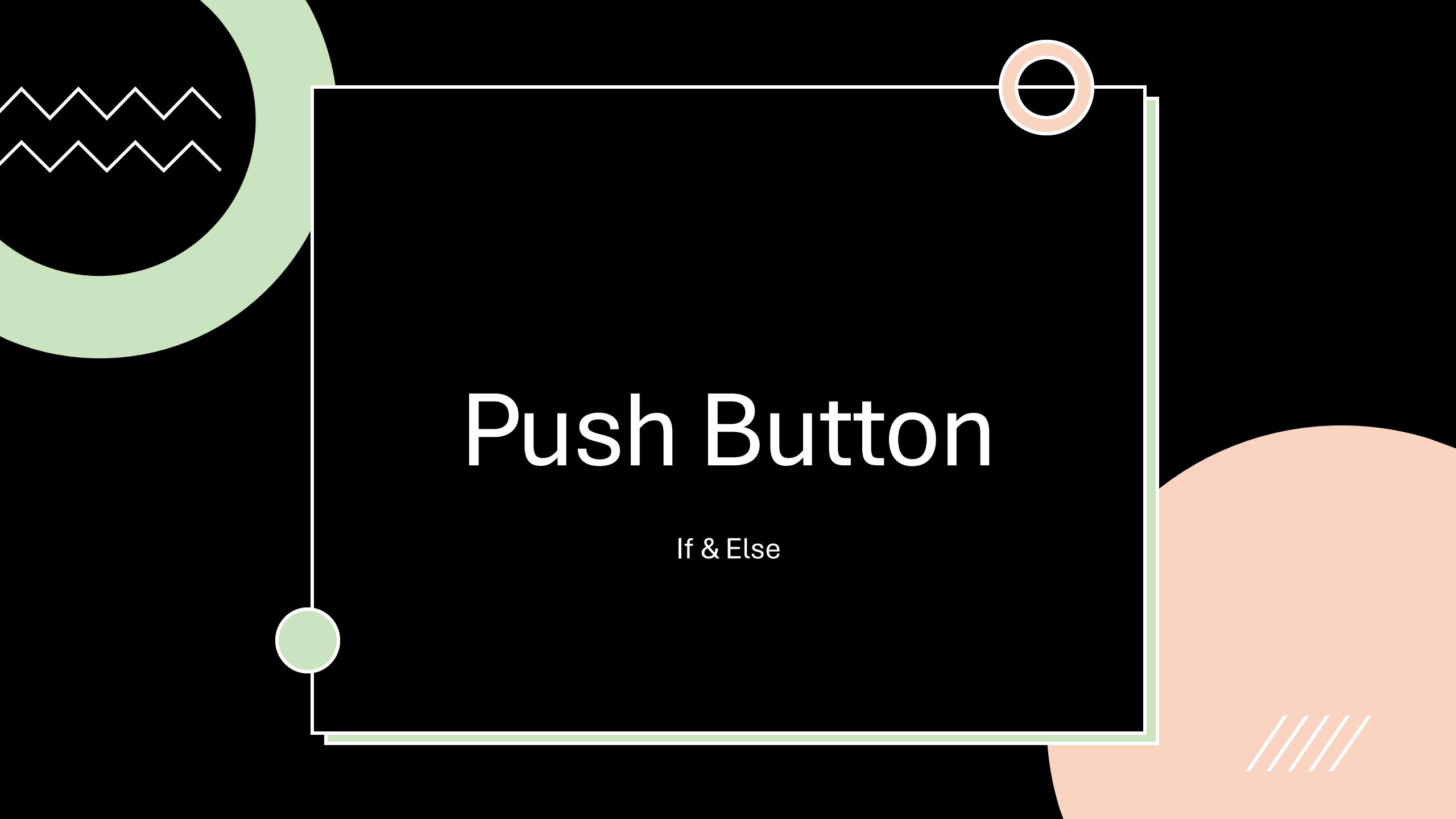


Debugging a Code



Push Button

If & Else



Right & Left Indicator of a car

2 Push Button + 4 LEDs

When No Button Pressed = All 4 LEDs ON

Activity

Concept Description

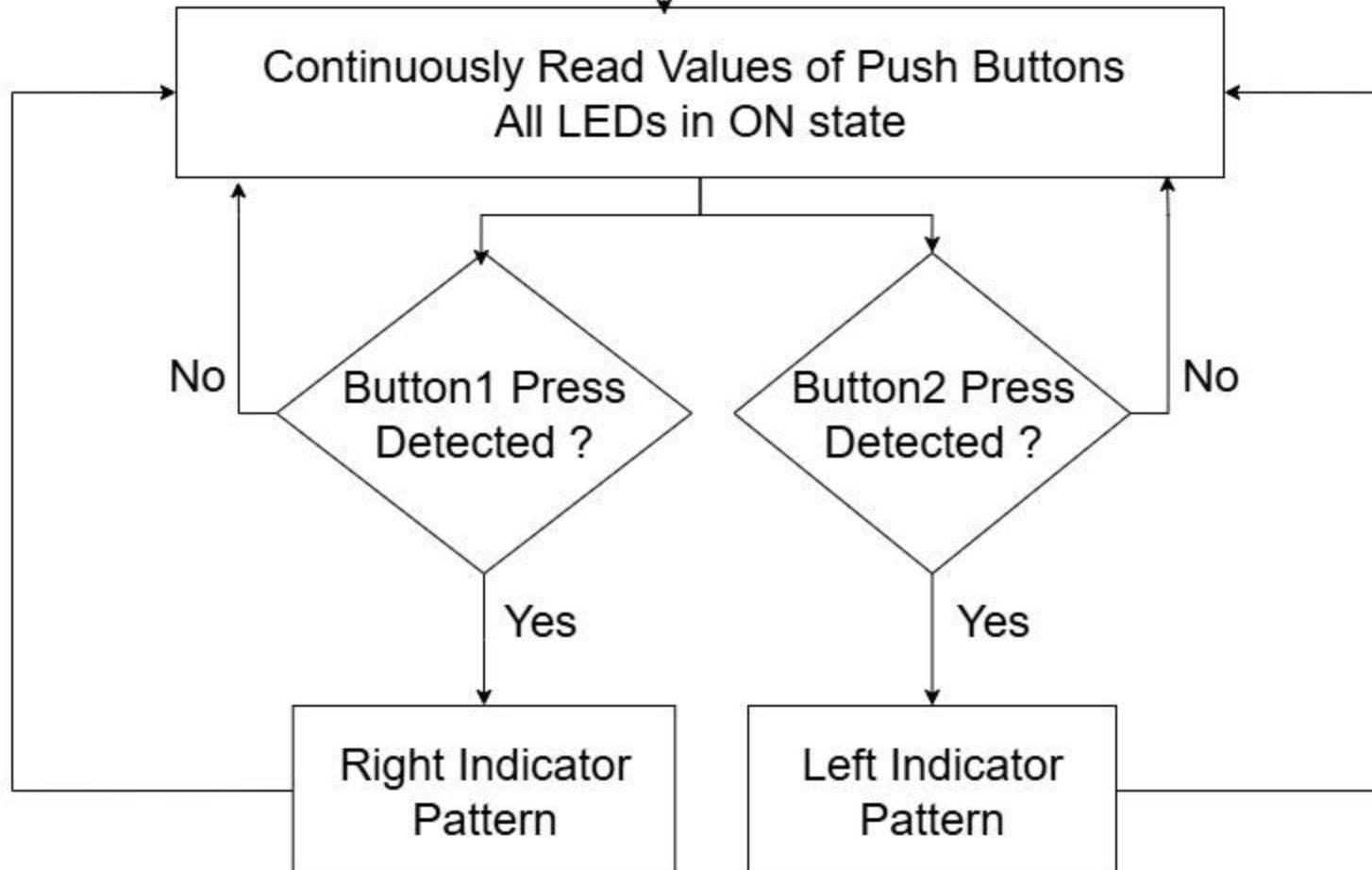
Circuit Diagram

Program Flow

Code

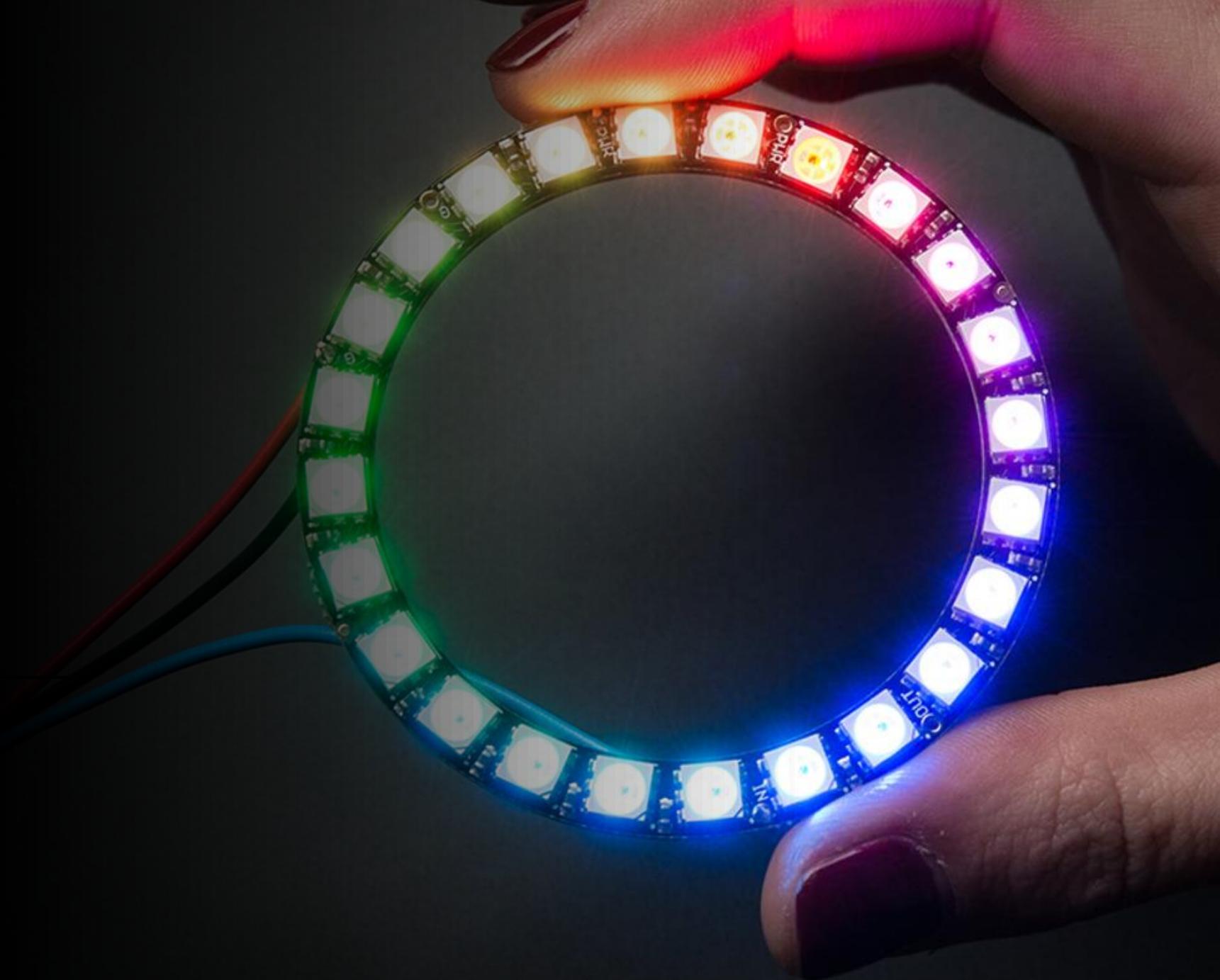
Import Necessary Modules & Class

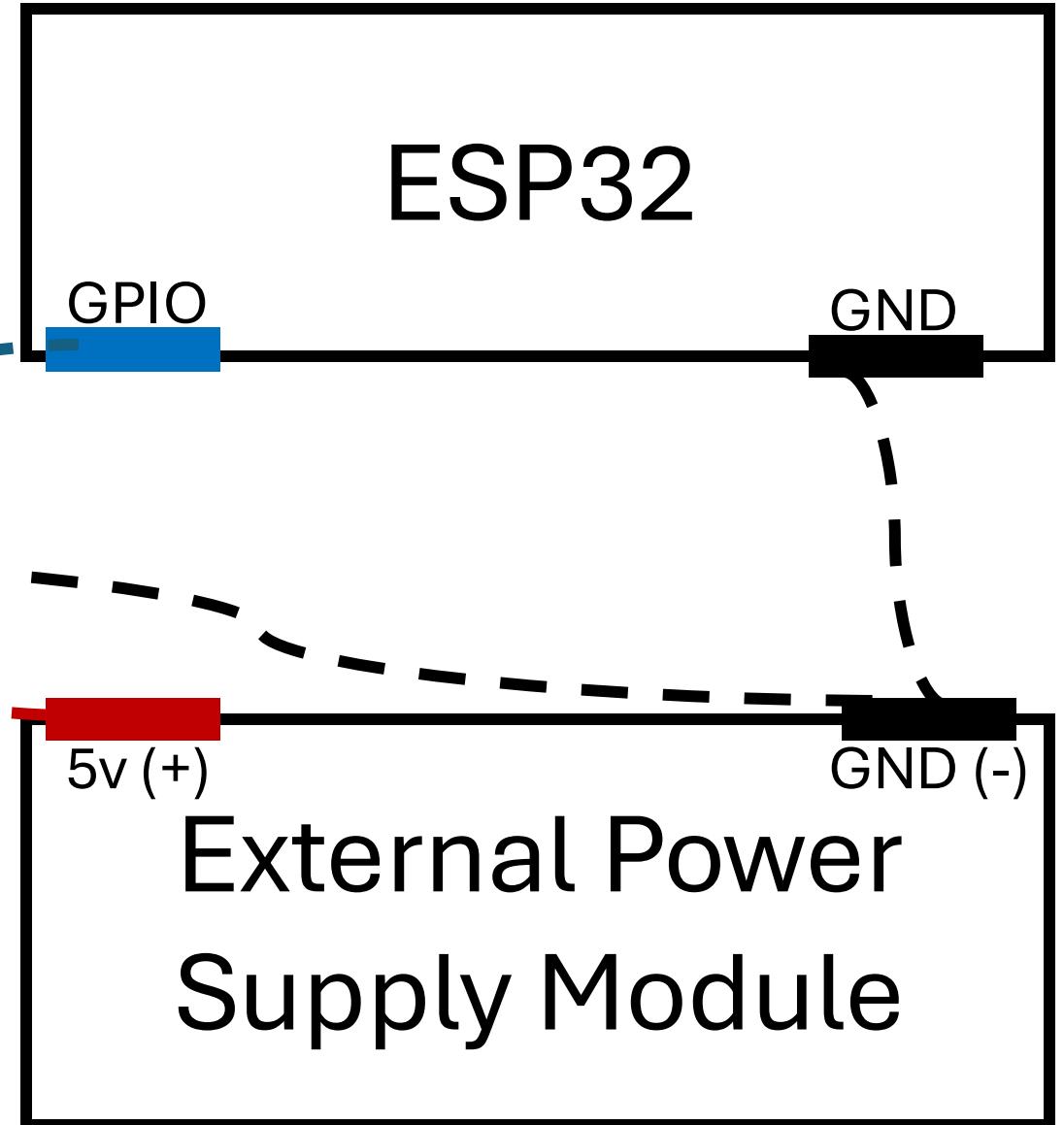
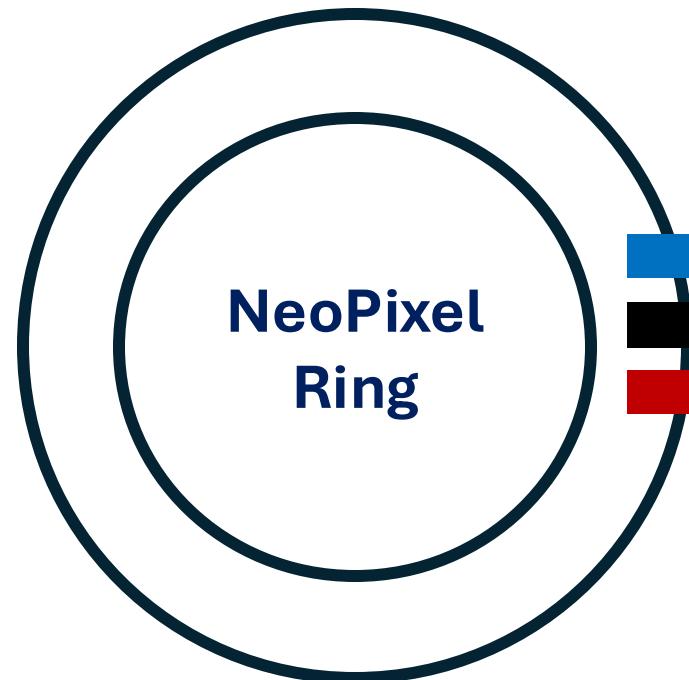
Initialization :Using variables create Objects for all LEDs & Push Button



5v & 3v Supply to Breadboard

NeoPixel Ring Intro





Learning Outcomes – Week 4

- ✓ Capacitive Touch of ESP32
- ✓ If & If else Loop
- ✓ Push Button | Push Button to ESP32
- ✓ Lighting multiple LEDs in different patterns | Multiple Push Buttons
- ✓ Approaching a Project / Problem Statement
- ✓ Connecting External Supply to a Breadboard
- ✓ Intro to NeoPixel