

Exp 10

```
const byte LED_Pin = 13;
const byte BUZZER_Pin = 12;

const byte interruptPin2 = 2;
const byte interruptPin3 = 3;

volatile byte LED_state = HIGH;
volatile byte BUZZER_state = HIGH;

void setup() {
  pinMode(LED_Pin, OUTPUT);
  pinMode(BUZZER_Pin, OUTPUT);

  digitalWrite(LED_Pin, LED_state);
  digitalWrite(BUZZER_Pin, BUZZER_state);

  pinMode(interruptPin2, INPUT_PULLUP);
  pinMode(interruptPin3, INPUT_PULLUP);

  attachInterrupt(digitalPinToInterrupt(interruptPin2), blink2, CHANGE);
  attachInterrupt(digitalPinToInterrupt(interruptPin3), blink3, CHANGE);

  Serial.begin(9600);
  Serial.println("Welcome");
}

void loop() {
  digitalWrite(LED_Pin, LED_state);
  digitalWrite(BUZZER_Pin, BUZZER_state);
  Serial.println("0");
}

void blink2() {
  LED_state = !LED_state;
  Serial.println("2");
}

void blink3() {
  BUZZER_state = !BUZZER_state;
  Serial.println("4");
}
```

