

PROGRAMOWANIE UKŁADÓW ELEKTRONICZNYCH **ARDUINO**

Program sterujący sygnalizacją świetlną:

```
#define GreenLed 4
#define YellowLed 3
#define RedLed 2

void setup()
{
  pinMode(GreenLed, OUTPUT);
  pinMode(YellowLed, OUTPUT);
  pinMode(RedLed, OUTPUT);
}

void loop()
{
  digitalWrite(GreenLed, HIGH);
  digitalWrite(YellowLed, LOW);
  digitalWrite(RedLed, LOW);
  delay(3000);delay(3000);

  digitalWrite(YellowLed, HIGH);
  digitalWrite(GreenLed, LOW);
  digitalWrite(RedLed, LOW);
  delay(1000);delay(1000);

  digitalWrite(RedLed, HIGH);
  digitalWrite(YellowLed, LOW);
  digitalWrite(GreenLed, LOW);
  delay(3000);delay(3000);

  digitalWrite(YellowLed, HIGH);
  digitalWrite(GreenLed, LOW);
  digitalWrite(RedLed, LOW);
  delay(1000);delay(1000);
}
```