

INTERNET OF THINGS

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TRAFFIC SIGNALS

Code:

```
int GREEN = 2;  
int YELLOW = 3;  
int RED = 4;  
int DELAY - GREEN = 5000;  
int DELAY - YELLOW = 2000;  
int DELAY - RED = 5000;
```

Void Setup()

```
{  
  pinMode (GREEN, OUTPUT);  
  pinMode (YELLOW, OUTPUT);  
  pinMode (RED, OUTPUT);  
}
```

Void loop()

```
{  
  green-light ();  
  delay (DELAY - GREEN);  
  yellow-light ();  
  delay (DELAY - YELLOW);  
  red-light ();  
  delay (DELAY - RED);  
}
```

Void green light ()

```
{  
  digitalWrite (GREEN, HIGH);  
  digitalWrite (YELLOW, LOW);  
  digitalWrite (RED, LOW);  
}
```

Void yellow-light ()

```
{  
  digitalWrite (GREEN, LOW);  
  digitalWrite (YELLOW, HIGH);  
  digitalWrite (RED, LOW);  
}
```

Void red-light ()

```
{  
  digitalWrite (GREEN, LOW);  
  digitalWrite (YELLOW, LOW);  
  digitalWrite (RED, HIGH);  
}
```

CIRCUIT

