

## Program-2

### Traffic light Controller

→ Code:

```
void setup()
```

```
{
```

```
  pinMode(2, OUTPUT);
```

```
  pinMode(3, OUTPUT);
```

```
  pinMode(4, OUTPUT);
```

```
  pinMode(5, OUTPUT);
```

```
  pinMode(6, OUTPUT);
```

```
  pinMode(7, OUTPUT);
```

```
  pinMode(8, OUTPUT);
```

```
  pinMode(9, OUTPUT);
```

```
  pinMode(10, OUTPUT);
```

```
}
```

```
void loop()
```

```
{
```

```
  digitalWrite(2, 1);
```

```
  digitalWrite(7, 1);
```

```
  digitalWrite(10, 1);
```

```
  digitalWrite(4, 0);
```

```
  digitalWrite(3, 0);
```

```
  digitalWrite(6, 0);
```

```
  digitalWrite(8, 0);
```

```
  digitalWrite(9, 0);
```

```
  digitalWrite(5, 0);
```

```
  delay(5000);
```

```
  digitalWrite(3, 1);
```

```
  digitalWrite(6, 1);
```

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digital write (2,0);

digital write (7,0);

delay (1000);

digital write (4,1);

digital write (5,1);

digital write (10,1);

digital write (2,0);

digital write (3,0);

digital write (6,0);

digital write (8,0);

digital write (9,0);

digital write (7,0);

delay (5000);

digital write (9,1);

digital write (6,1);

digital write (10,0);

digital write (5,0);

digital write (4,0);

delay (1000);

digital write (8,1);

digital write (4,1);

digital write (7,1);

digital write (2,0);

digital write (3,0);

digital write (5,0);

digital write (6,0);

digital write (9,0);

digital write (10,0);

delay (5000);



digital write (9, 1);

digital write (3, 1);

digital write (7, 0);

digital write (8, 0);

digital write (4, 0);

delay (1000);

3