

Program - 2

Aim: Traffic signal stimulator.Hardware used:

- Arduino Board
- LEDs
- Bread board.

CODE:

```
void setup()
{
  pinMode(13, OUTPUT);
  pinMode(12, OUTPUT);
  pinMode(8, OUTPUT);
}

void red()
{
  digitalWrite(13, HIGH);
  digitalWrite(12, HIGH);
  digitalWrite(8, HIGH);
}
```

void yellow ().

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```
{ digital write (13, Low);  
  digital write (12, High);  
  digital write (8, Low);  
}
```

void green ().

```
{ digital write (13, Low);  
  digital write (12, Low);  
  digital write (8, HIGH);  
}
```

void loop ().

```
{ red();  
  delay (3000);  
  yellow();  
  delay (1500);  
  green();  
  delay (3000);  
  yellow();  
  delay (1500);  
}
```

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