

# Traffic Controller

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18M12CS045

AIM: Traffic signal ~~sim~~ simulator.

## Hardware Used:

- ① Arduino Board
- ② LED's
- ③ Bread Board.

## CODE :

Void setup()

```
{  
    pinMode ( 13, Output ) ;  
    pinMode ( 12, Output ) ;  
    pinMode ( 8, output ) ;  
}
```

Void red()

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

Void yellow()

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

void green()

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

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void loop()

```
{  
    red();  
    delay (3000);  
    yellow();  
    delay (2000);  
    green();  
    delay (3000);  
    yellow();  
    delay (2000);  
}
```

# DIAGRAM:

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