

~~Notes~~TRAFFIC CONTROLLERAim : Traffic signal simulatorHardware used :

- Arduino Board
- LEDs
- Bread board

CODE :

```

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

}

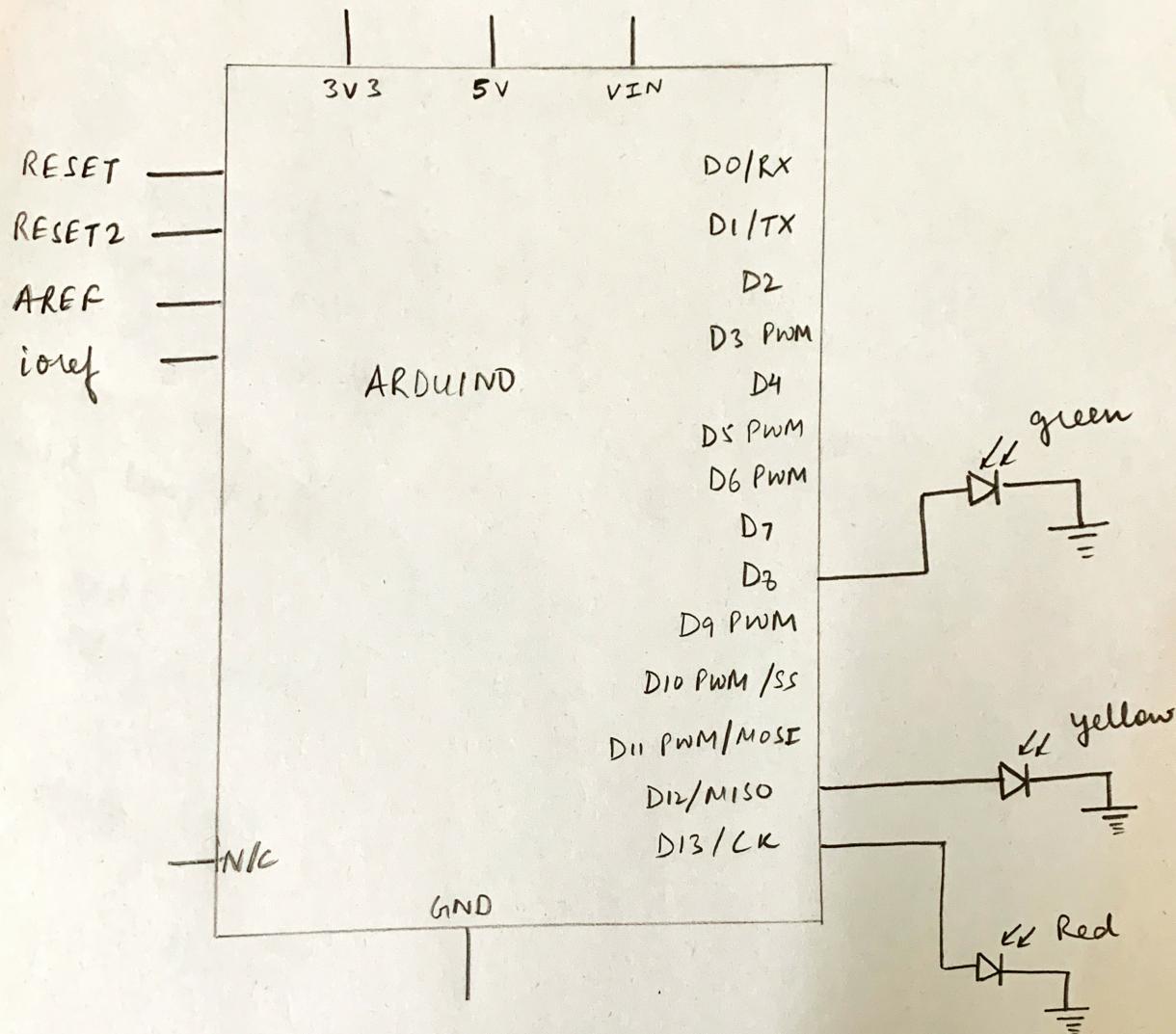
void red()
{
    digitalWrite (13, HIGH);
    digitalWrite (12, LOW);
    digitalWrite (8, LOW);
}

```

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

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

```
void loop()
{
    red();
    delay (3000);
    yellow();
    delay (1500);
    green();
    delay (2000);
    yellow();
    delay (1500);
}
```

Circuit Diagram:

Arduino Traffic Light Circuit