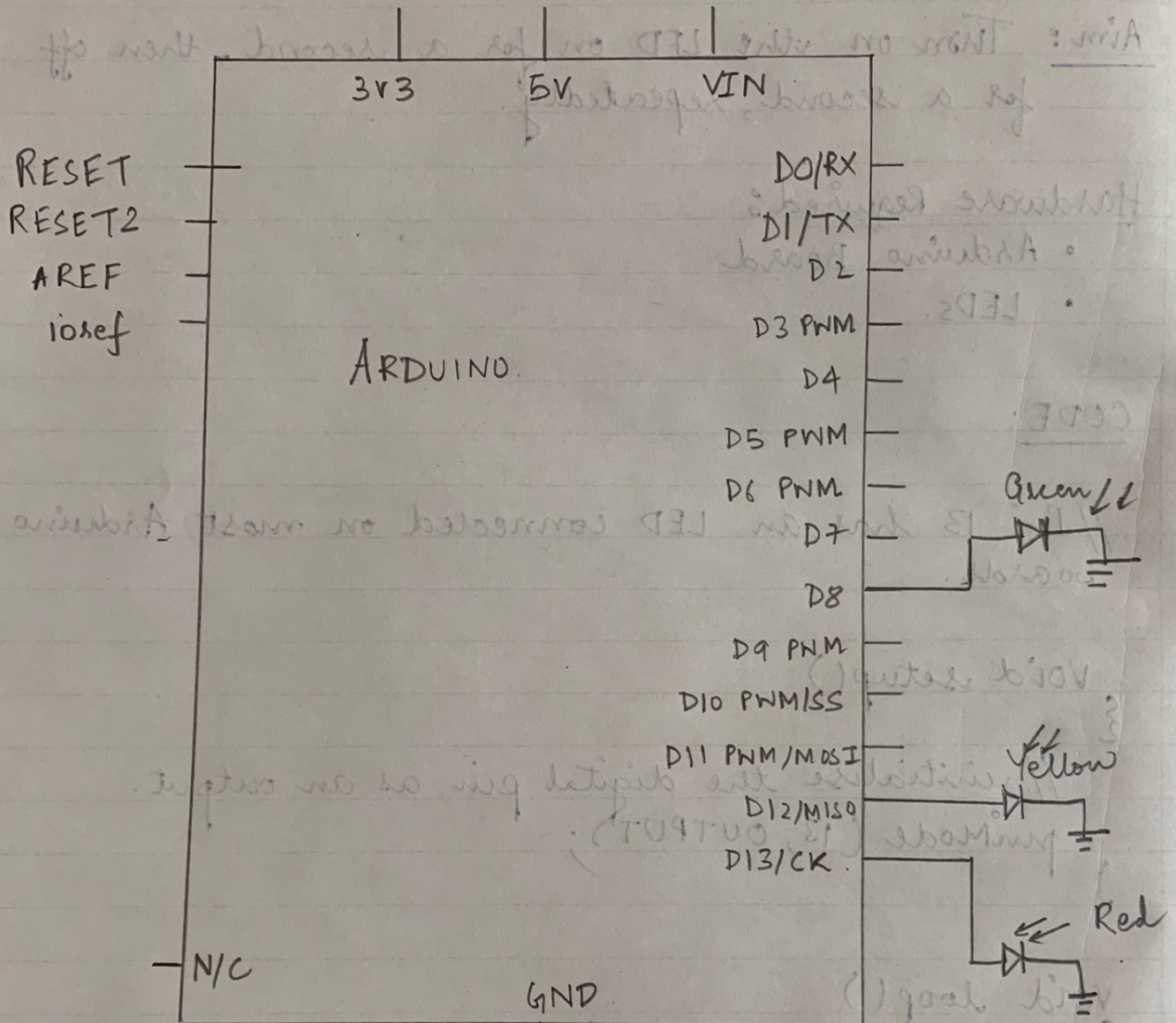


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Arduino Traffic Light Circuit

Expt. No. 2

Page No. 2

TRAFFIC CONTROLLER.Aim: Traffic Signal Stimulator.Hardware Required:-

- 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);
}
```

Teacher's Signature : _____


```
void green()  
{
```

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

```
void loop()
```

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

Teacher's Signature : _____