Program no : 02
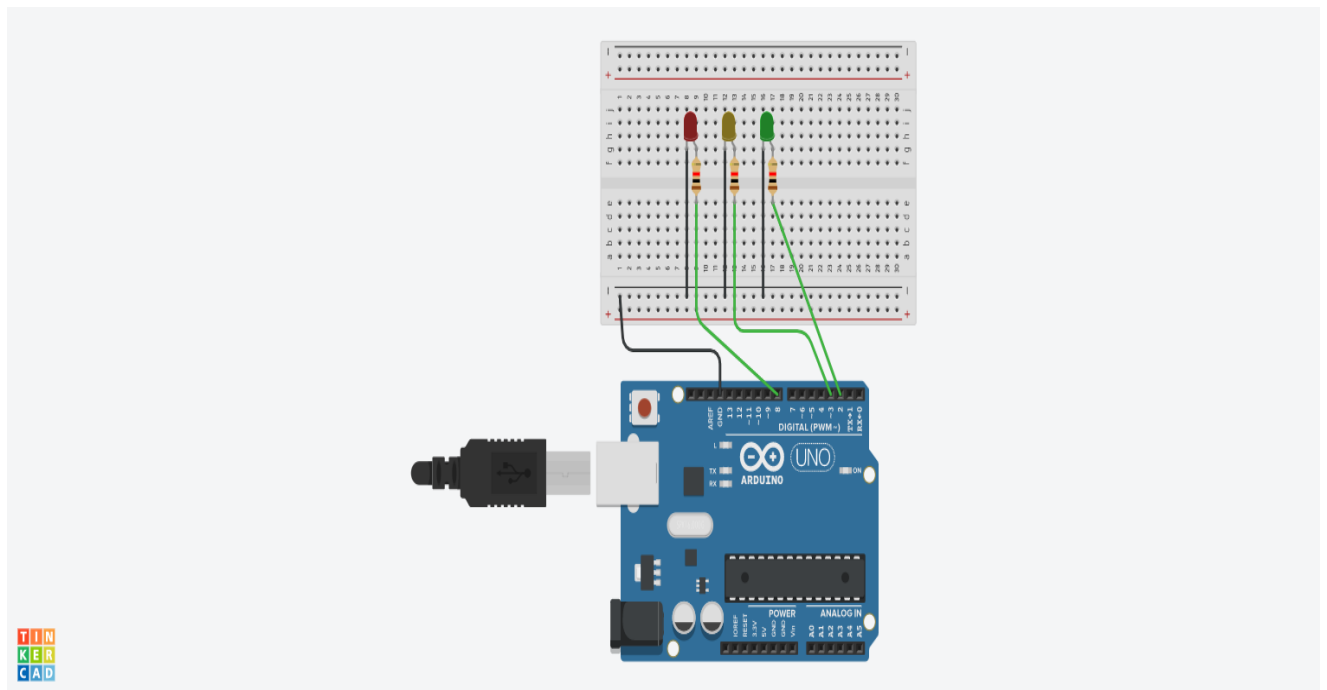
Program Title : Traffic Light Controller

Hardware Required :

- Arduino Board
- Breadbooard
- Wires
- 3 LED
- Resistor

Circuit Diagram :

Code:

```
1  void setup()
2  {
3    pinMode(8, OUTPUT);
4    pinMode(3, OUTPUT);
5    pinMode(2, OUTPUT);
6  }
7
8  void loop()
9  {
10   digitalWrite(8, HIGH);
11   digitalWrite(3, LOW);
12   digitalWrite(2, LOW);
13   delay(1000);
14   digitalWrite(8, LOW);
15   digitalWrite(3, HIGH);
16   digitalWrite(2, LOW);
17   delay(1000);
18   digitalWrite(8, LOW);
19   digitalWrite(3, LOW);
20   digitalWrite(2, HIGH);
21   delay(1000);
22 }
```

Observation /Output :

Simulator time: 00:00:41