

Experiment No. 16

Title: Write an application to control the operation of
Hardware simulated traffic signals

Roll No:SAI&DC75 Batch: S9

Date of Performance: __ __ / __ __ / __ __ __ __

Date of Assessment: __ __ / __ __ / __ __ __ __

Particulars	Marks
Attendance (05)	
Journal (05)	
Performance (05)	
Understanding (05)	
Total (20)	
Signature of Staff Member	

Program:-

```
void setup()

{

  pinMode(13, OUTPUT);

  pinMode(12, OUTPUT);

  pinMode(7, OUTPUT);

}

void loop()

{

  digitalWrite(13, HIGH);

  delay(1000); // Wait for 1000 millisecond(s)

  digitalWrite(13, LOW);

  delay(1000); // Wait for 1000 millisecond(s)

  digitalWrite(12, HIGH);

  delay(1000); // Wait for 1000 millisecond(s)

  digitalWrite(12, LOW);

  delay(1000); // Wait for 1000 millisecond(s)

  digitalWrite(7, HIGH);

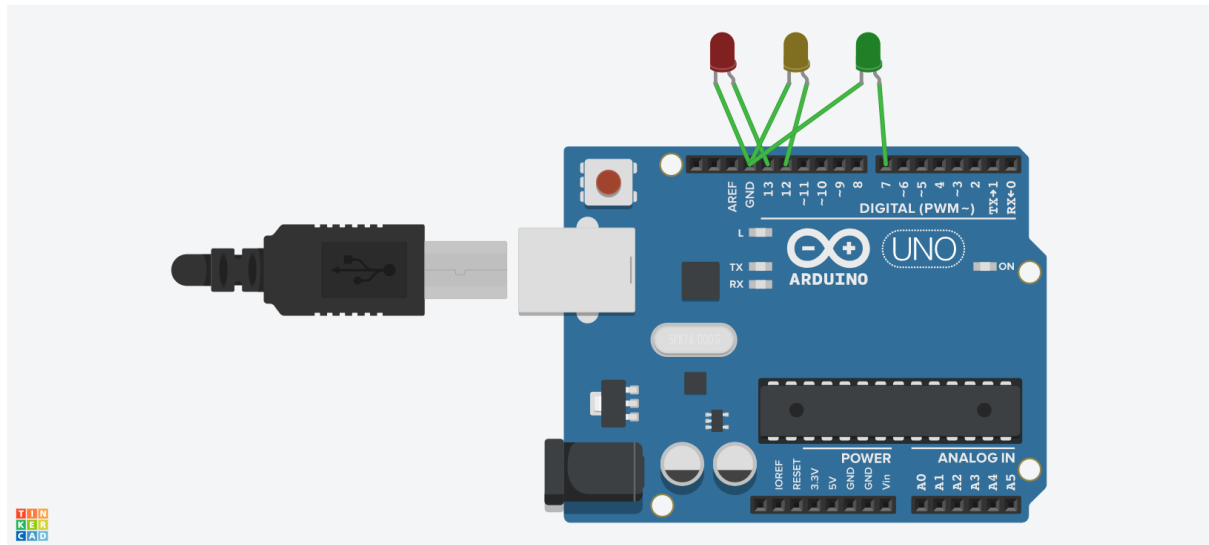
  delay(2000); // Wait for 1000 millisecond(s)

  digitalWrite(7, LOW);

  delay(2000); // Wait for 1000 millisecond(s)

}
```

Circuit Diagram:-



Output:-

