```
void setup() {
 // configure the output pins
 pinMode(2,OUTPUT);
 pinMode(3,OUTPUT);
 pinMode(4,OUTPUT);
 pinMode(5,OUTPUT);
 pinMode(6,OUTPUT);
 pinMode(7,OUTPUT);
 pinMode(8,OUTPUT);
 pinMode(9,OUTPUT);
 pinMode(10,OUTPUT);
}
```

Then in void loop() function we have written the code for traffic lights to be turned on and off in sequence as mentioned above.

```
void loop()
{

 digitalWrite(2,1); //enables the 1st set of signals
 digitalWrite(7,1);
 digitalWrite(10,1);
 digitalWrite(4,0);
 digitalWrite(3,0);
 digitalWrite(6,0);
 digitalWrite(8,0);
 digitalWrite(9,0);
 digitalWrite(5,0);
 delay(5000);
```

//The complete Arduino code and Video for this Arduino Traffic Light Project is given below.
//Code
```
 void setup()
{
```

```
    // configure the output
pinspinMode(2,OUTPUT);
 pinMode(3,OUTPUT);
 pinMode(4,OUTPUT);
 pinMode(5,OUTPUT);
 pinMode(6,OUTPUT);
 pinMode(7,OUTPUT);
 pinMode(8,OUTPUT);
 pinMode(9,OUTPUT);
 pinMode(10,OUTPUT);
}
void loop()
{
 digitalWrite(2,1); //enables the 1st set of signals
digitalWrite(7,1);
 digitalWrite(10,1);
 digitalWrite(4,0);
 digitalWrite(3,0);
 digitalWrite(6,0);
digitalWrite(8,0);
digitalWrite(9,0);
digitalWrite(5,0);
delay(5000);
}
```