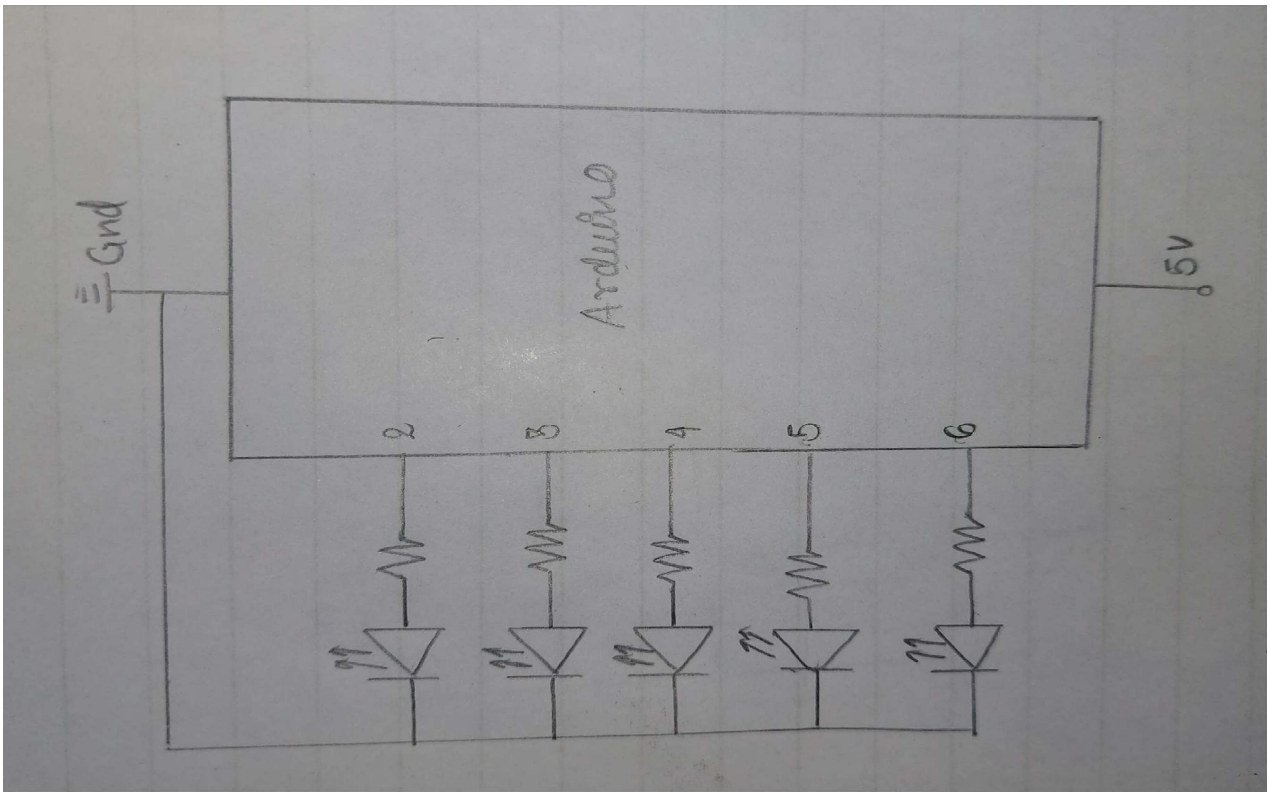
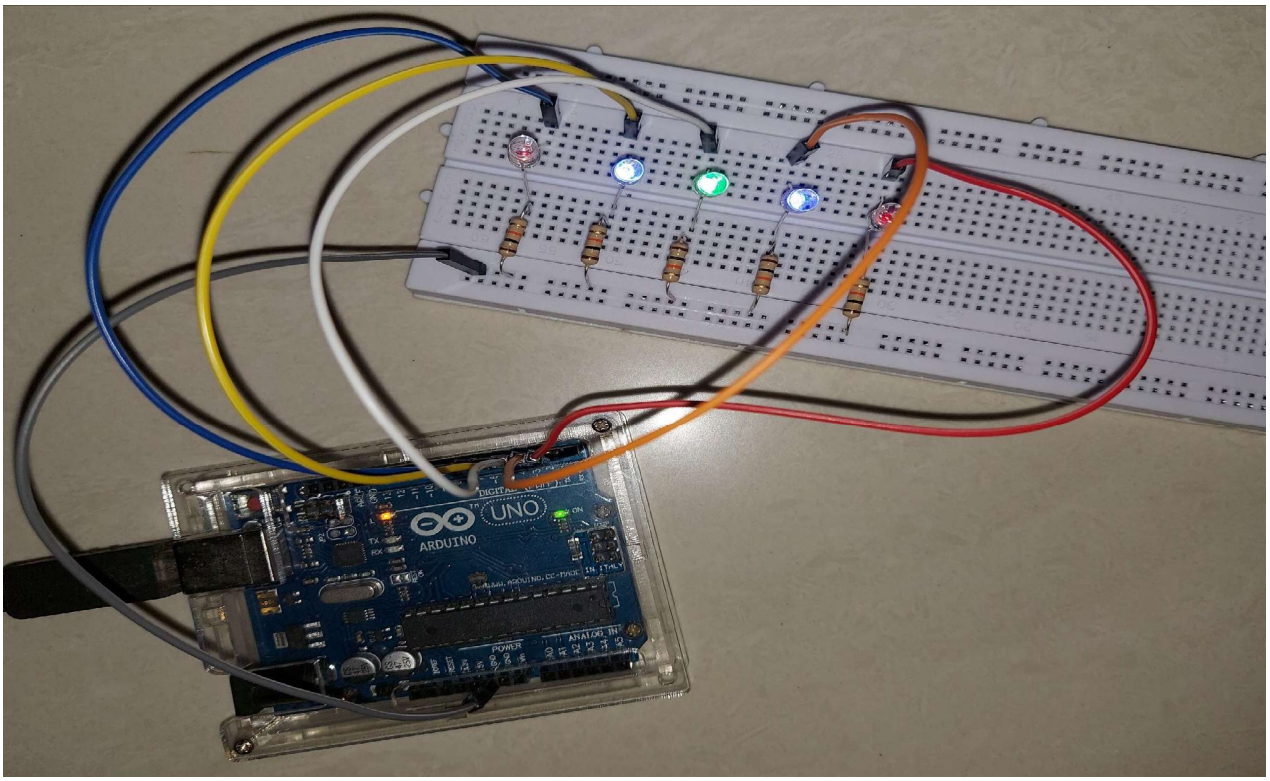
```
/*
Experiment No. :    01
Statement      :    Make a running light pattern of 5 LEDS. It should run in both the directions continuously.
Date of Exp.   :    xx/xx/xxxx
Author         :    Aabha Nimje(A-33)
*/


void setup() {
for(int i=2;i<=6;i++)
// initialize digital pin LED_BUILTIN as an output.
pinMode(i, OUTPUT);
}
void loop() { // the loop function runs over and over again forever
for(int i=2;i<=6;i++)
digitalWrite(i, HIGH);//turn the LED on (HIGH is the voltage level)
delay(1000);
for(int i=2;i<=6;i++) // wait for a second
digitalWrite(i, LOW);// turn the LED off by making the voltage LOW
)
delay(1000); // wait for a second
 }
}
```


Gnd
Arduino
5v
2
3
4
5
6


UNO
ARDUINO