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Experiment No. : 01

Statement : Make running light pattern of 5 LEDs.

It should run in both the directions

continuously.

Date of Exp. : xx/xx/xxxx

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/\* Code \*/

void setup() {

pinMode(11, OUTPUT);

pinMode(9, OUTPUT);

pinMode(7, OUTPUT);

pinMode(5, OUTPUT);

pinMode(3, OUTPUT);

}

// the loop function runs over and over again forever

void loop() {

digitalWrite(11, HIGH);

delay(100);

digitalWrite(11, LOW);

delay(100);

digitalWrite(9, HIGH);

delay(100);

digitalWrite(9, LOW);

delay(100);

digitalWrite(7, HIGH);

delay(100);

digitalWrite(7, LOW);

delay(100);

digitalWrite(5, HIGH);

delay(100);

digitalWrite(5, LOW);

delay(100);

digitalWrite(3, HIGH); // turn the LED on (HIGH is the voltage level)

delay(100); // wait for a second

digitalWrite(3,LOW);

delay(100);

digitalWrite(3, HIGH); // turn the LED on (HIGH is the voltage level)

delay(100); // wait for a second

digitalWrite(3,LOW);

delay(100);

digitalWrite(5, HIGH);

delay(100);

digitalWrite(5, LOW);

delay(100);

delay(100);

digitalWrite(7, HIGH);

delay(100);

digitalWrite(7, LOW);

delay(100);

delay(100);

digitalWrite(9, HIGH);

delay(100);

digitalWrite(9, LOW);

delay(100);

digitalWrite(11, HIGH);

delay(100);

digitalWrite(11, LOW);

delay(100); // wait for a second

}



