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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\*/ // Define the pins for the LEDs

int Led[] = {2, 3, 4, 5, 6};

int LoopLed = 5;

void setup() {

// Set the LED pins as OUTPUT

for (int i = 0; i < LoopLed; i++) {

pinMode(Led[i], OUTPUT);

}

}

void loop() {

// Run the LEDs from left to right

for (int i = 0; i < LoopLed; i++) {

digitalWrite(Led[i], HIGH);

delay(200);

digitalWrite(Led[i], LOW);

}

// Run the LEDs from right to left

for (int i = LoopLed - 1; i >= 0; i--) {

digitalWrite(Led[i], HIGH);

delay(200);

digitalWrite(Led[i], LOW);

}

}



