

/*

Experiment No. : 01

Statement : Make running light pattern of 5 LEDs. It should run in both the directions continuously.

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Code Snippet

*/

// Define the pins for the LEDs

int Led[] = {8,9,10,11,12};

int LoopLed = 5;

void setup() {

 // Set the LED pins as OUTPUT

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

 pinMode(Led[i], OUTPUT);

 }

}

void loop() {

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

 digitalWrite(Led[i], HIGH);

 delay(100);

 digitalWrite(Led[i], LOW);

 }

// Run the LEDs from right to left

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

 digitalWrite(Led[i], HIGH);

```
    delay(100);  
    digitalWrite(Led[i], LOW);  
}  
  
}  
  
}
```



