

/*

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() {  
  
  for(int i=2;i<=6;i++)  
  
    // initialize digital pin LED_BUILTIN as an output.  
    pinMode(i, OUTPUT);  
  
}  
  
// the loop function runs over and over again forever  
  
void loop()  
  
{  
  
  {  
  
    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  
}  
}
```

