

```

void setup()
{
    pinMode (2,OUTPUT);
    pinMode (3,OUTPUT);
    pinMode (4,OUTPUT);
    pinMode (8,INPUT);
}

void loop()
{
    if (digitalRead(8)== 0)
    {
        //-----state1-----
        digitalWrite(2,1); ///Led on
        digitalWrite(3,0); ///Led on
        digitalWrite(4,0); ///Led on
        delay(200);          ///ดีเลย์ 500 m
        //-----state2-----
        digitalWrite(2,0); ///Led off
        digitalWrite(3,1); ///Led off
        digitalWrite(4,0); ///Led off
        delay(200);          ///ดีเลย์ 500 m
        //-----state3-----
        digitalWrite(2,0); ///Led off
        digitalWrite(3,0); ///Led off
        digitalWrite(4,1); ///Led off
        delay(200);          ///ดีเลย์ 500 m
        //-----state4-----
        digitalWrite(2,0); ///Led on
        digitalWrite(3,0); ///Led on
        digitalWrite(4,1); ///Led on
        delay(200);          ///ดีเลย์ 500 m
    }
}

```

```
else
{
//-----state5-----
digitalWrite(2,0); ///Led off
digitalWrite(3,1); ///Led off
digitalWrite(4,0); ///Led off
delay(200);          ///ดีเล 500 m
//-----state6-----
digitalWrite(2,1); ///Led off
digitalWrite(3,0); ///Led off
digitalWrite(4,0); ///Led off
delay(200);          ///ดีเล 500 m
//-----state7-----
digitalWrite(2,1); ///Led off
digitalWrite(3,0); ///Led off
digitalWrite(4,0); ///Led off
delay(200);          ///ดีเล 500 m
//-----state8-----
digitalWrite(2,0); ///Led on
digitalWrite(3,0); ///Led on
digitalWrite(4,1); ///Led on
delay(200);          ///ดีเล 500 m
}
}
```