

Simulator time: 00:02:29.426

Code Stop Simulation Send To

1 (Arduino Uno R3)

```
1 float x,y,z,temp; void setup()
2 {
3   pinMode(8, INPUT); pinMode(5, OUTPUT); pinMode(6, OUTPUT);
4   Serial.begin(9600);
5 }
6 void loop()
7 {
8   x= digitalRead(8); y= analogRead(A5); z= analogRead(A4);
9   temp = (double)z / 1024; temp = temp * 5;
10  temp = temp - 0.5; temp = temp * 100; if ( (x>0) )
11  {
12    if ((y<550)&&(temp>30))
13    {
14      digitalWrite(5, HIGH); digitalWrite(6, HIGH);
15    }
16    else if((y<550)&&(temp<30))
17    {
18      digitalWrite(5, HIGH); digitalWrite(6, LOW);
19    }
20    else if((y>550)&&(temp>30))
21    {
22      digitalWrite(5, LOW); digitalWrite(6, HIGH);
23    }
24  }
25 }
```

Serial Monitor