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30/09/2020

Exp. 7

Aim:-

Demonstrate to show the working of PIR sensor.

Hardware Required:-

LED Bm, Arduino Board, Breadboard, Resistor,  
PIR Sensor.

Code :-

```
int sensorState = 0;
void setup()
{
    pinMode(2, INPUT);
    pinMode(13, OUTPUT);
    Serial.begin(9600);
}
void loop()
{
    sensorState = digitalRead(2);
    if (sensorState == HIGH)
    {
        digitalWrite(13, HIGH);
        Serial.println("Sensor activated");
    }
    else
    {
        digitalWrite(13, LOW);
    }
    delay(10);
}
```

