

Assignment	1
Team ID	PNT2022TMID38240
Project Name	Signs with smart connectivity for better road safety

```

void setup()
{
    Serial.begin(9600);
    pinMode(4, INPUT);
    pinMode(8,OUTPUT);
    pinMode(13, OUTPUT);
}
void loop()
{
    int p=digitalRead(4);
    Serial.println(p);
    if(p==0)
    {
        digitalWrite(13,1);
        Serial.println("motion detected");
    }
    delay(1000);
    double a=analogRead(A0);
    double t=(((a/1024)*5)-0.5)*100;
    Serial.println(t);
    if(t>25)
    {
        digitalWrite(8,1);
        Serial.println("temperature great");
    }
    delay(1000);
}
}

```

