

```
byte tmp = A1;
byte buzzer = 2;
byte buzzer1 = 3;
byte PIR = A2;
int suhu,PIR1;

void setup()
{
  pinMode(tmp, INPUT);
  pinMode(PIR,INPUT);
  pinMode(2, OUTPUT);
  pinMode(buzzer1, OUTPUT);
  Serial.begin(9600);
}

void loop()
{
  suhu = analogRead(tmp);
  PIR1 = digitalRead(PIR);
  int suhu1 = suhu * 0.488;
  //Temperature check
  Serial.print("suhu : ");
  Serial.println(suhu);
  if (suhu1 > 50){
    digitalWrite(2, HIGH);
  }
  else {
    digitalWrite(2, LOW);
  }
  delay(100);
}
```

```

//Movement check
if(PIR1==HIGH)
{
  Serial.println("Movement Detected");
  digitalWrite(buzzer1,HIGH);
  delay(100);

}
else
{
  Serial.println("movement not Detected");
  digitalWrite(buzzer1,LOW);
}

}

```

