



```
#define TEMP_PIN A0
```

```
void setup() {  
  Serial.begin(9600);  
  Serial.println("Reading Temperature Sensor...");  
}
```

```
void loop() {  
  int rawValue = analogRead(TEMP_PIN);  
  float voltage = rawValue * (5.0 / 1023.0);  
  float temperature = voltage * 100.0;  
  Serial.print("Temperature: ");  
  Serial.print(temperature);  
  Serial.println(" °C");  
  delay(1000);  
}
```