

```
float tempvalue,tempvaluemv,tempvaluec;
```

```
void setup() {
```

```
    pinMode(A0, INPUT);
```

```
    Serial.begin(9600);
```

```
}
```

```
void loop() {
```

```
    tempvalue=analogRead(A0);
```

```
    tempvaluemv=tempvalue*5000/1024;
```

```
    tempvaluec=(tempvaluemv/10)+(-50);
```

```
    Serial.println(tempvaluec);
```

```
}
```