

# awk实现基础数学计算

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## 1、求和

```
cat data|awk '{sum+=$1} END {print "Sum = ", sum}'
```

## 2、求平均值

```
cat data|awk '{sum+=$1} END {print "Average = ", sum/NR}'
```

## 3、求最大值

```
cat data|awk 'BEGIN {max = 0} {if ($1>max) max=$1 fi} END {print "Max=", max}'
```

## 4、求最小值 (min的初始值设置一个超大数即可)

```
cat data | awk 'BEGIN {min = 1999999} {if ($1<min) min=$1 fi} END {print "Min=", min}'
```