My First Quarto Document

2026-01-16

Arithmetics

```r
2+2
```

```
[1] 4
```

```r
sqrt(16)
```

```
[1] 4
```

Variables

```r
x<-10
y<-20
x+y
```

```
[1] 30
```

Vectors

```r
prices <-c(50,27,73,45,67)
sum(prices)
```
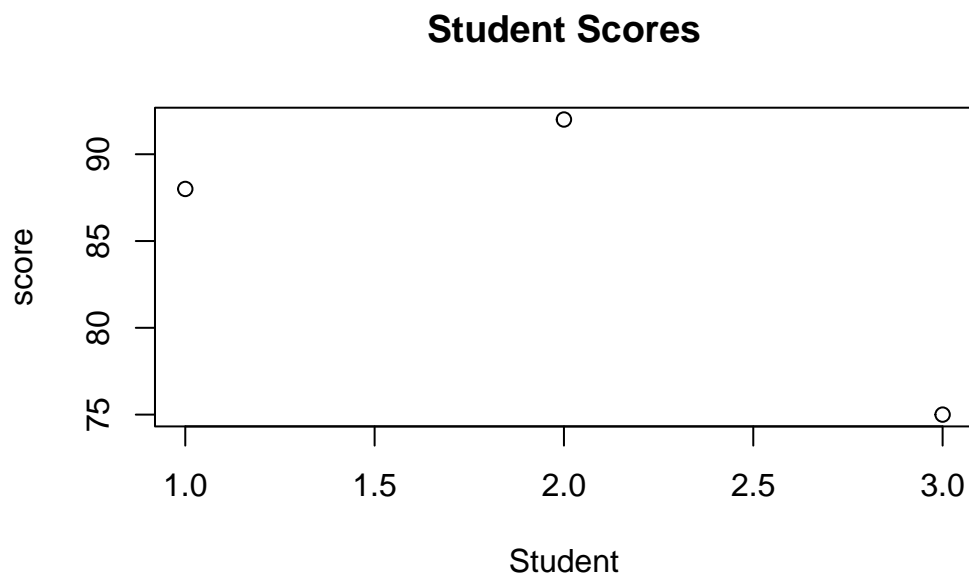
```
[1] 262
```

Dataframe

```r
students <-data.frame(names=c('Alic','Bob','Carol'),scores=c(88,92,75))
mean(students$scores)
```

```
[1] 85
```

A Plot

```r
plot(students$scores,main='Student Scores',ylab='score',xlab='Student')
```

Student Scores

Matrix

```r
matrix=matrix(1:9,ncol=3,byrow=TRUE,dimnames = list(c('x1','x2','x3'),c('y1','y2','y3')))
matrix
```

```
     y1 y2 y3
x1   1   2   3
x2   4   5   6
x3   7   8   9
```