arithmetic operation== +,-,*,/,%%,%/%,^

logical operator== &,|,!,&&,||

assignment operator == <-,->,-»,«-,=

relational operator=== <>,<=,>=,!=

```
a<-5
b<-3.58
c<-a+b
print(c)
```

```
## [1] 8.58
```

```
a<-58
b<-65
d<-b-a
print(d)
```

```
## [1] 7
```

```
x<-6
y<-8
z<-x*y
print(z)
```

```
## [1] 48
```

```
n<-9
b<-4
c<-n/b
print(c)
```

```
## [1] 2.25
```

```
# reminder
h<-30
i<-4
k<-h%%i
print(k)
```

```
## [1] 2
```

```
#Quotient
a<-10
b<-4
c<-a%/%b
print(c)
```

```
## [1] 2
```

```
# Power
s<-10
q<-4
t<-q^s
print(t)
```

```
## [1] 1048576
```

```
a1=c(2,4,6)
b1=c(8,10,14)
```

```
print(a1+b1)
```

```
## [1] 10 14 20
```

```
print(a1-b1)
```

```
## [1] -6 -6 -8
```

```
print(a1*b1)
```

```
## [1] 16 40 84
```

```
print(a1/b1)
```

```
## [1] 0.2500000 0.4000000 0.4285714
```

```
print(a1%%b1)
```

```
## [1] 2 4 6
```

```
print(a1%/%b1)
```

```
## [1] 0 0 0
```

```
print(a1^b1)
```

```
## [1]         256     1048576 78364164096
```

```
a<-10
b<-20
```

```
print(a>b)
```

```
## [1] FALSE
```

```r
print(a<b)
```

```
## [1] TRUE
```

```r
print(a<=b)
```

```
## [1] TRUE
```

```r
print(a>=b)
```

```
## [1] FALSE
```

```r
print(a==b)
```

```
## [1] FALSE
```

```r
print(a!=b)
```

```
## [1] TRUE
```

```r
a2<-c(2.5,TRUE,5+6i)
b2<-c(6,TRUE,8-5i)
```

```r
print(a2&b2)
```

```
## [1] TRUE TRUE TRUE
```

```r
print(a2&&b2)
```

```
## Warning in a2 && b2: 'length(x) = 3 > 1' in coercion to 'logical(1)'
```

```
## Warning in a2 && b2: 'length(x) = 3 > 1' in coercion to 'logical(1)'
```

```
## [1] TRUE
```

```r
a3<-c(2,FALSE,5+8i)
b3<-c(2.5,TRUE,45+9i)
```

```r
print(a3&b3)
```

```
## [1]  TRUE FALSE  TRUE
```

```r
print(a3&&b3)
```

```
## Warning in a3 && b3: 'length(x) = 3 > 1' in coercion to 'logical(1)'
```

```
## Warning in a3 && b3: 'length(x) = 3 > 1' in coercion to 'logical(1)'
```

```
## [1] TRUE
```

```
print(a3|b3)
```

```
## [1] TRUE TRUE TRUE
```

```
print(a3||b3)
```

```
## Warning in a3 || b3: 'length(x) = 3 > 1' in coercion to 'logical(1)'
```

```
## [1] TRUE
```

```
print(!a3)
```

```
## [1] FALSE  TRUE FALSE
```