Introduction to R

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Object creation & Value assignment

a=25  
b=30

Command line Interface

b

## [1] 30

Object need not be explicitly defined

c=45  
class(c)

## [1] "numeric"

d=TRUE  
class(d)

## [1] "logical"

Simple Mathematical Operations:

1. Addition

a+b

## [1] 55

2)Subtraction

b-a

## [1] 5

1. Division

b/a

## [1] 1.2

1. Multiplication

b\*a

## [1] 750

1. Square root

sqrt(a)

## [1] 5

1. Power

a^3

## [1] 15625

7)logarithm

log(a,base=exp(1))

## [1] 3.218876

1. Factorial

factorial(a)

## [1] 1.551121e+25