Introduction to R

Utteshtha Chauhan

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#Object creation & Value assignment  
a=20  
b=25

Command line Interface

b

## [1] 25

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] 45

2)Subtraction

b-a

## [1] 5

1. Division

b/a

## [1] 1.25

1. Multiplication

b\*a

## [1] 500

1. Square root

sqrt(a)

## [1] 4.472136

1. Power

a^3

## [1] 8000

7)logarithm

log(a,base=exp(1))

## [1] 2.995732

1. Factorial

factorial(a)

## [1] 2.432902e+18