

some basic commands and output:

Mathematical Functions:

FUNCTION		INPUT	OUTPUT
abs(x)		abs(-10)	10
log(x, base=y)		log(100, base=10)	2
exp(x)		exp(5)	148.4132
sqrt(x)		sqrt(25)	5
factorial(x)		factorial(3)	6
pi		pi	3.141593

Logical Functions:

FUNCTION		INPUT	OUTPUT
Greater than		5>6	FALSE
Less than		4<5	TRUE
Less than and Equal to		12<=10	FALSE
Greater than and Equal to		19>=15	TRUE
Equal to		7==8	FALSE
Not equal to		13!=14	TRUE
AND		3 & 4	TRUE
OR		3 4	TRUE
NOT		!3	FALSE

Other Functions:

FUNCTION		INPUT	OUTPUT
Colon (:)		1:6	1 2 3 4 5 6
%in%		5 %in% 6	FALSE
		5 %in% 5	TRUE