%Symbolic programming

a=1/8, b='1/8',c=sym(1/8),d=sym('1/8'),

a =

0.1250

b =

1/8

c =

1/8

d =

1/8

class(a), class(b), class(c), class(d), %double, char, symbolic

ans =

double

ans =

char

ans =

sym

ans =

sym

e=sym('a\*x^2+b\*x+c=0')

e =

a\*x^2 + b\*x + c == 0