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```
compile file("c:/Users/prodanov/Dropbox/maxima/intde1.lisp");
(%i1)
(%01) [c:/Users/prodanov/Dropbox/maxima/intde1.lisp,
       #P"c:/Users/prodanov/Dropbox/maxima/intde1.fasl"]
       :lisp (atan 1.0d0 1)
(%i2)
       0.7853981633974483
       atan(1),numer;
(%i2)
(%02) 0.7853981633974483
(%i3)
        :lisp(defun f (x) (/ 1 (sqrt x)));
       F
       load("c:/Users/prodanov/Dropbox/maxima/intde1.lisp");
(%i3)
       c:/Users/prodanov/Dropbox/maxima/intde1.lisp
        :lisp(defun f1 (x) (/ 1 (* x x)));
(%i4)
       F1
       :lisp(quadde::intde #'f 0.0d0 1.0d0 1.0d-15 0.0d0);
(%i4)
        1.999999999999993
       3.99999999999999e-15
(%i4)
       :lisp(quadde::intdei #'f1 1.0d0 1.0d-15 0.0d0);
       0.999999999999997
       2.0000000000000286e-15
       compile file("c:/Users/prodanov/Dropbox/maxima/quadde.lisp");
(%i4)
(%04) [c:/Users/prodanov/Dropbox/maxima/quadde.lisp,
       #P"c:/Users/prodanov/Dropbox/maxima/quadde.fasl"]
(%i5)
       load("c:/Users/prodanov/Dropbox/maxima/quadde.lisp");
(%05) c:/Users/prodanov/Dropbox/maxima/quadde.lisp
       quad intde(1/sqrt(x),x,0,1, epsrel=1e-15);
(%i6)
       [1.99999999999999, 3.999999999999 10<sup>-15</sup>]
(\%06)
       quad intde(\sin(x), x, 0, \%pi, 'epsrel=1e-15);
(%i7)
       [1.999999999999999,4.00000003255215 10<sup>-15</sup>]
(\%07)
(%i8)
       integrate(sin(x),x,0, %pi);
(%08) 2
```

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