```
4
                                  Maple V Release 4 - [equat-0.456.mws]
<u>File Edit View Insert Format Options Window Help</u>
x 🐞 🕔 1
 > e := exp(1);
                                                 e := e
 > y := proc(x)
 > evalf(fsolve(n^n=x,n,evalf(1/e)..infinity));
 > end;
                       y := \mathbf{proc}(x) \text{ evalf}(\text{fsolve}(n \land n = x, n, \text{ evalf}(1 / e) .. \infty)) end
 > y0 := proc(x)
 > evalf(fsolve(n^n=x,n,0..evalf(1/e)));
 > end;
                      y0 := \mathbf{proc}(x) \text{ evalf}(\text{fsolve}(n \land n = x, n, 0 .. \text{ evalf}(1/e)))  end
 > y(0.725);
                                              .5673000768
 > y0(0.725);
                                              .1995022651
 > z := 0.456;
                                                z := .456
 > x := 1/y(1/z);
                                           x := .6163266470
 > z^x;
                                              .6163266470
>
                                                                              Time: 0.0s Bytes: 703K Free: 4194303K
```