

The given equation is:  $x - \cos(x) = 0$ .  
enter x0: 0.5

max iter: 10

enter eps:  $10^{-5}$   
0.000000 0.500000 -0.377583  
1.0000000.7552220.027103  
2.0000000.7391420.000095  
3.0000000.7390850.000000  
4.0000000.7390850.000000

a root is 0.739085>>