Homework 1, Computer Problems (Math 174/274)

- (I) Write your own program to implement the bisection algorithm, and use it to find roots of the following functions on the given intervals:
 - (a) $x^{-1} \tan(x)$ on $[0, \pi/2]$
 - (b) $2^{-x} + e^x + 2\cos x 6$ on [1,3].
- (II) Find a root of the functions $x \tan x$ on [1, 2].