Incremental Search Method

$*$ The user needs to guarantee that there is no discontinuity in the function with the numbers that are going to be entered.

1) Ask the user for a function
2) Ask the user to input an initial value to find the root of the function that is the closest to this given value. This variable we will call A.
3) Ask the user to input a "delta" value that will allow us to make sums to determine the value of B(B=A+delta). With this value of delta we are going to make the successive summations to find the interval where the root is.
4) We evaluate the values of A and B in the function to obtain f(A) and f(B).
5) Now we make a cycle: while f(A)$*$ f(B)>0**,** do
   a) A=B
   b) f(A)=f(B)
   c) B=B+delta
   d) f(B) = the new value of B evaluated in the function.
6) The cycle will stop when f(A)$*$ f(B) < 0, or to explain, when there is a change in the sign. This means that in this interval there is a root. We now have ourselves an interval [A,B] in which we know there is a root of the function f(X).