

Function input: $(a_0, b_0, \text{function})$



$$c_0 = \frac{a_0 + b_0}{2}$$



if $c_0 = 0$ or $c_0 - a_0 < \#$, where $\#$ is a sufficient threshold, then stop program and output c_0 → I think this will be 10^{-5} ?



else, test $f(c_0) \cdot f(a_0) < 0$ → true → set $a_1 = a_0, b_1 = c_0$



set $a_1 = c_0, b_1 = b_0$

