

# Pseudocode for Homework 2

Declare function prototype: function

Function main starts program execution

Initialize a to -15, b to 15, answer to 0

While true

Initialize c to the mean of a and b

Initialize value, leftValue, rightValue(function of c,a,b respectively), accuracy to 0.00001

If product of value and leftValue is less than 0

If |value| is less than accuracy

Answer gets c

Break

b gets c

If product of value and rightValue is less than 0

If |value| is less than accuracy

Answer gets c

Break

a gets c

Print answer

Define function: function

Return the result of the polynomial provided