Function Bill(Amount_per_squarefoot, Area_of_service) {define any subalgorithms BEFORE the mainline that calls them (-1) }

    Bill_gross : Real
    Narrative Description: Calculates the bill by multiplying Amount_per_squarefoot by Area_of_service

    Local variable Bill_gross – real
    Bill_gross ← Amount_per_squarefoot * Area_of_service
    Return (Bill_gross)

Algorithm We-Provide-Death-Bill {mainline algorithm}
It will calculate the type of service needed and the amount of the bill for the We-Provide-Death Company.

Variables
Input Temp Output
Owners_name : string Amount_per_squarefoot: real Owners_name: string
Type_of_service: character Bill_gross: real Bill: real
Area_of_service: real

Owners_name ← "none" {use < - - for assignment, not =}
Print ("Enter owners name :")
Read (Owners_name)
While (Owners_name <> "none") do
    Print ("Type '1' for weed control, Type '2' for grasshoppers, Type '3' for rattlesnakes, Type '4' for all services :")
    Read (Type_of_service)
    Print ("Area of location being sprayed :")
    Read (Area_of_service)
    If Type_of_service = '1'
        Then Amount_per_squarefoot = 10
    Else
        If Type_of_service = '2'
            Then Amount_per_squarefoot = 20
        Else
            If Type_of_service = '3'
                Then Amount_per_squarefoot = 500
            Else
                Amount_per_squarefoot = 515
            Endif
        Endif
    Endif

    Bill ← Bill(Amount_per_squarefoot, Area_of_service) Bill_gross {Call the previously defined function here. (-1)}
    Print ("For owner, ", Owners_name, ", the bill amount is ", Bill) {must output info before loop ends (-1) }
    Print ("Enter owners name :")
    Read (Owners_name)
EndWhile
Print ("For owner, ", Owners_name, ", the bill amount is ", Bill)
Halt