//Program name:Cost to search for an Item

//Purpose:Calculate the amount required to search for an item within a designated margin

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Start

    //Declaring Variables

    Declare numeric Cost_Per_SQFoot

    Declare numeric Length

    Declare numeric Width

    Declare string Lost_Item

    Declare string Address

    Declare string Total_Area_in_feet

    Declare string Total_Cost_to_search_Item

    //Declaring Constant

    Declare Constant Cost_Per_SQFoot =0.80

    //Initial Code with a display message for output

    Display "Welcome to our Area Cost for search per square feet"

    Display "Enter your Address"

    Input Address

    Display "What Item have you lost"

    Input Lost_Item

    Display "Enter the Length of the Area"

    Input Length

    Display "Enter the Width of the Area"

    Input Width

//Calculation

Total_Area_in_feet=Length*Width

Total_Cost_to_search_Item=Total_Area_in_feet*Cost_Per_SQFoot

//Displaying our output

Display "Hi i am Tom I have searched the area +"Address"+"For the item you have lost" +"Lost_Item"+"The total Area of my search is"+ "Total_Area_in_feet" + "It will Approximately cost you" + "Total_Cost_to_search_Item"

Stop