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Lab 4

Main()

Start

Declare variables

String custLastName = “ ”

Integer nbrBaths = 0,

nbrOtherRooms = 0

Integer totalCustCount = 0

Real custCleaningCharge = 0.00,

totalCleaningCharge = 0.0

Declare Constant Real BASIC\_CHARGE = 40.00,

BATH\_CHARGE = 15.00,

ROOM\_CHARGE = 10.00

Call Housekeeping()

// get input custLastName

Display “Enter customers last name”

Input custLastName

// main while loop

While custLastName !=”ZZZ”

Display “Enter number of bathrooms,”

Input nbrBaths,

Display “Enter number of other rooms

Input nbrOtherRooms

//Calculate custCleaningCharge

(nbrBaths\*BATH\_CHARGE)+(nbrOtherRooms\*ROOM\_CHARGE)+BASIC\_CHARGE = cusCleaningCharge

//Display custCleaningCharge

Display “Customer Cleaning Charge is: $ ” cusCleaningCharge

// add to cust count and total cleaning charge

Add 1 to totalCustCount

Add custCleaningCharge to totalCleaning Charge

// input next custLastName

Input custLastName

Display “Enter customers last name”

//end of main while loop

// Display total cust count and total cleaning charge

Display “ Number of customers is” totalCustomerCount

Display “Total cleaning charge is,” totalCleaningCharge

Call endOfJob()

End

Housekeeping()

Start

This program computed the individual cutomer charge and total cleaning charge for Hazel’s

Housecleaning Service

Desk Check

**Case 1 Case 2 Case 3**

Last name: Baker Zeller ZZZZ

Number of bathrooms 3 1

Number of other rooms 4 5

Customer count 1 2

Total cleaning charges $125 $105