



Housekeeping  
Module Start

Enter  
customer last  
name (Type  
ZZZZ to quit)

Input  
lastName

Return lastName

Detail Loop Module  
Start

Enter number of  
bathrooms  
Input numBaths

Enter number of  
other rooms  
Input  
numOtherRooms

bathCost =  
numBaths \* 15

roomCost =  
numOtherRooms \*  
10

totalCharge = 40  
+ bathCost +  
roomCost

Display  
customer name:  
lastName

Display  
bathrooms:  
numBaths  
Display  
bathroom cost:  
bathCost

Display other rooms:  
numOtherRooms  
Display other-room cost:  
roomcost

roomsSubtotal =  
bathCost +  
roomCost

Display total  
room cost:  
roomsSubtotal

Display service  
charge:  
totalCharge

Enter next  
customer last  
name (ZZZZ to  
quit)  
Input lastName

Return lastName