1	Start	The program starts
2	Declarations	The program begins its declarations here
3	stringLastName	The program declares the string variable "LastName"
4	numBathrooms	The program declares the numeric variable "Bathrooms"
5	numRooms	The program declares the numeric variable "Rooms"
7	numServiceCharge = 40 + (15 * numBathrooms) + (10 * numRooms)	The program declares the numeric variable "Service Charge" and sets it equal to fourty plus numBathrooms * 15 plus numRooms * 10
8	Input stringLastName	The program accepts user input to set the string variable "LastName"
9	If stringLastName = ZZZZ	The program checks if the string variable "LastName" = ZZZZ
10	Then	The program has confirmed that the string variable "LastName" = ZZZZ
11	Run End-of-Job	The program runs the module "End-of-Job"
12	Else	The program ahs confirmed that the string variable "LastName" does not = ZZZZ
13	Run Detail-Loop	The program runs the module "Detail-Loop"
14	Input numBathrooms	The program accepts user input to set the numeric variable "numBathrooms"
15	Input numRooms	The program accepts user input to set the numeric variable "numRooms"
16	Output numServiceCharge	The program calculates numServiceCharge
17	Disp numServiceCharge "Please enter the next customer's last name."	The program displays the calculated result of numServiceCharge as well as "Please enter the next customer's last name."
18	Run Housekeeping	The program runs the module Housekeeping
19	Disp "Thank you for using this program!"	The program displays "Thanks you for using this program!"
20	Stop	The program ends