```
function [outputArg1,outputArg2] = costco_Itemizer(Item,price,tax)
%UNTITLED Summary of this function goes here
    Detailed explanation goes here
%How many Roommates do you have (only run the first time the user opens the
%app after downloading)
%What are the names of the Roommates
%Create an matrix size of (item+1, 2+#ofRoomates)
%Is there any item that is special that you want to manually split that is
%not even between roommates, 50:50 or 100%
%Loop of asking the user to specify how they want the item split
    for 1:index(amount of items)
% Ask user "Do you want (Item) split (1) evenly between (# of roommates) or
% (2) 50:50 or (3) 100%
% if user input 1
    item price/3 store this in the array in the # of columns that were made
%
    for each roommate
%
% elseif user input 2
    Ask user "Who is the first person you want to split it between
    (1)Roommate 1 or (2) Roommate 2 or (3) Roommate 3 or (#) Roommate #"
    Ask User "Who is the second person you want to split it between
%
    (1)Roommate 1 or (2) Roommate 2 or (3) Roommate 3 or (#) Roommate #"
%
    Split item price/2 and store the value in the respective row and column
%
%
%else if user input 3
    Ask user "Who do you want to pay for this item (1) Roommate 1 or
    (2) Roommate 2 or (3) Roommate 3 or (#) Roommate #"
%
%
    Store the item price in the respective row and column
%
%end
%end of loop
%Finding the tax split between the roommates
% tax_owe = tax/# of roommates
Need to find the sum of the columns in the matrix now
%Run a loop for each roommate finding the sum for each
% for 1:# of roommates
% roommates owe = 0
    for 1:# of items
    roomates_owe = roommates_owe + (row Items, roommate column)
%
% roommates_owe = roommates_owe + tax_owe
% store roommates_owe in its respective (row,column)
% disp(roommates name owes roommmates owe)
```