ISMN 5650 / 6650 / 6656

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Homework #5

## Tasks

#### For All Students

1. From HW #2, do #3 using lists for item names and prices. This is the program that prints a receipt.
   1. Assume only 5 items and their respective prices.
   2. Create two blank lists: items & prices
   3. Use a FOR loop to INPUT and APPEND item names and respective prices to their respective lists.
   4. Use a FOR loop to print the items and prices.

#### For Graduate Students Only

1. P6.32
   1. Do NOT create a function as the program directs. Do it the way we have been doing thus far.
   2. You will need to use two lists: prices & isPet.
   3. Use WHILE loop and INPUT statements to populate the lists with their respective elements. Use ENTER, not -1, as sentinel value.
2. P6.33
   1. Do NOT create a function as the program directs. Do it the way we have been doing thus far.
   2. You will need to use two lists: sales & customers.
   3. Follow directions from the programs above.

## What to Turn-In?

* A Word / PDF document
* Follow previously provided guidelines

## What You Will Need to Do in #3 Above

* You will be able to find the maximum value in the sales list.
* Find its index using the method provided in the textbook.
* Once you know the index of the maximum sales, use that to determine the name of customer. For example, if the maximum price is prices[2], the corresponding customer is customers[2].