CPAN 222 Lab 4

## Goals

To gain experience putting logic into classes and keeping the main() method small

## Description

You will be creating a Point of Sale device which will accept a list of items purchased in a sale, print the total due for the sale and log the number of items purchased and the total price for the sale. At the end of the day, it will print a summary list of all the sales during the day.

The data will look like this:

Coat 144.67  
Gloves 19.99  
Boots 49.95  
end

Each item purchased will have a single-word name followed by a price. The end of the sale will be marked by an item with the name “end”. There can be many sales during the day and each sale will have the number of items in the sale and the total price logged. At the end of the day, an item with the name “off” will be entered and the program will print out the list of sales during the day and then terminate.

You should create these classes:

Sale – the number of items and total price of a sale

SalesList – a list of all sales during the day to which new sales can be added and which can print all sales during the day.

You should keep main() as short as possible. Ideally, it should repeatedly call a method to read a sale until there are no more sales and then it should print out the list of sales. The main() method could be as short as 5 lines of code!

## Deliverables

When finished, show the program to your instructor and demonstrate that it works.