Chapter 4 – Sales

Brian Veitch

Instructions:

Create a program that will have the user enter the total sales amount for the day at a coffee shop. The program should ask the user for the total amount of sales and include the day in the request. At the end of data entry, tell the user the total sales for the week, and the average sales per day. You must create a list of the days of the week for the user to step through, see the example output.

Data:

Variables/Constants needed:

* daysOfWeek: constant array containing the days of the week
* total: variable keeps track of the total number of sales

User input:

* sales: Float that is used to represent the sales for any particular day

Processing:

* Initialize the total variable to 0
* Set up daysOfWeek array -> [“Sunday”, “Monday”, etc.]
* Set up a for in loop to go through the days of the week
* In loop
  + Get sales input from user “What were the total sales for {specific day in loop}?
  + Add sales to the total variable
* After loop
  + Display total
  + To display average sales per day, calculate
    - total / len(daysOfWeek)

Output:

Please enter the total sales for each day of the week.

What were the total sales for Sunday? 1934.93

What were the total sales for Monday? 3432.84

What were the total sales for Tuesday? 9832.38

What were the etotal sales for Wednesday? 234.93

What were the total sales for Thursday? 2234.32

What were the total sales for Friday? 939.30

What were the total sales for Saturday? 8729.31

The total amount of sales for the week was: $34339.23

The average amount of sales per day was $4905.60