
OneSpace Coding Challenge

Problem Statement

OneSpace offers the great benefit of retrieving lunch every day for anyone interested. The challenge is that we'd like to have a small application to help us capture everyone's order and compute billing information.

This is designed to replace our current system of using a shared spreadsheet:

Day	Date	Total	Restaurant	Menu Link	Name	Order	Name2	Order2
Monday	11/14/2016	\$250	Chick-fil-A	Chick-fil-A	Jim H	Chicken Sandwich with waffle fries	Bob N	Spicy Grilled Chicken
Tuesday	11/15/2016	\$95	McAlister's	McAlister's	Mike G	Club Sandwich & soup		
Wednesday	11/16/2016		Wasabi Sushi	Wasabi	Mary	White tiger roll, edamame	Mike G	spicy tuna roll
Thursday	11/17/2016		Smokey Bones	Smokey Bones	Jim H	BBQ pulled pork	Mark N	1/2 Chicken meal
Friday	11/18/2016		Panera	Panera	Brian	Chipotle chicken panini	Mary	Italian Compbo

Specific Needs

Storing of Locations

- Our office admin needs to be able to input a list of the restaurants along with URLs for their menu to offer the list of places for the week.
- Shockingly, she has a great understanding of most common config file formats and is happy editing a text file.

Collecting Orders

- Employees need to be able to see a list of the locations for each day to determine what to order.
- Employees need a way to specify their lunch order for each day of the week. We are a tech savvy company, and we're happy supplying files in a known format as well.

Executing the Order

- For a given day, our admin needs to be able to print out a list of names and associated lunch orders so she can call in the order for the restaurant.

Settling the Bill

- At the end of the week, we need to properly bill individuals for their lunch. Our admin collected a list throughout the week of the total cost for each restaurant. (Again, isn't it convenient that she understands config files?)
- For each day, the bill for an individual is calculated as the total cost for the day divided by the number of people ordering. (we simplify things).
- We need to be able to output a weekly total for each person for our finance department.

The Project

- Please give us code in whatever language you choose that can handle keeping track of these things for us.
- This could be done with a UI for bonus points, but we're perfectly fine if this is a command line app that takes in a set of input files. In the same theme, using a database as the back end isn't required if you can store and retrieve what you want from simple files.
- The purpose is to demonstrate that you know how to represent and collect the required data, and that you know how to trigger the desired outputs at given moments.
- Please send us all of the code along with instructions on how to run any examples or tests. This code should either be shared through a github link or by sending us a zip file.
- Feel free to use any libraries or frameworks to help solve the problem.