INFO-1272 JavaScript 1

LAB 4

Due Date: October 5th 2022, 11:59 pm

Submission Directions: FOL Submissions folder, Lab 4

Lab Description:

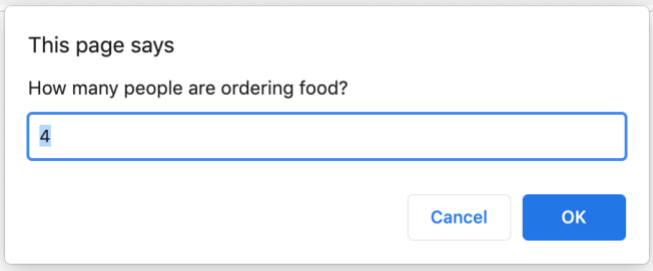
Many fast food restaurants now have applications, allowing you to order a meal in advance; then your order is completed and ready for you to pick up when you arrive. Write a program that will simulate a fast food ordering system that allows for a group order. Your application will gather meal choices for a group and then output both the summary of the food order for the individual and the group.

Write the JavaScript code for each step listed below in the <script> section of the HTML file.

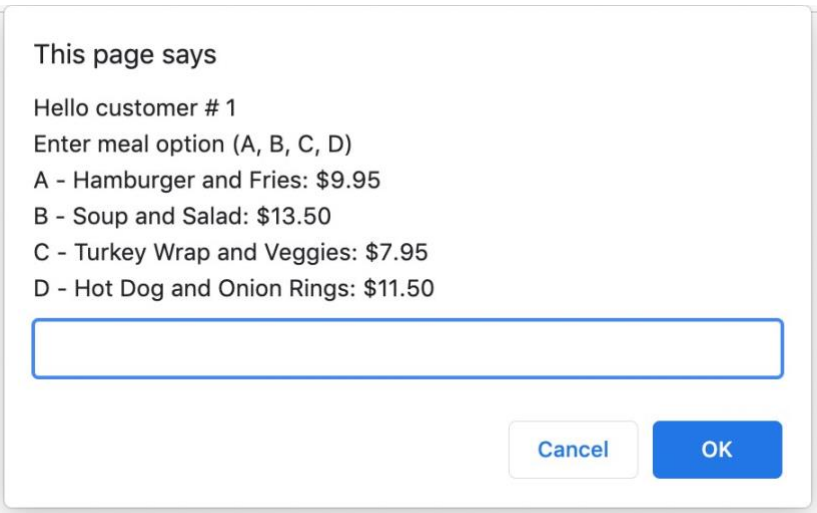
You are expected to comment your code appropriately.

1. Create a single HTML page using the editor of your choice. Name the page using the following template:
   Firstname_Lab4.html for example, "Krutarth_Lab4.html".

2. To begin, gather the following input from the user using a prompt:
   ● How many people are ordering food? Default value is "4"

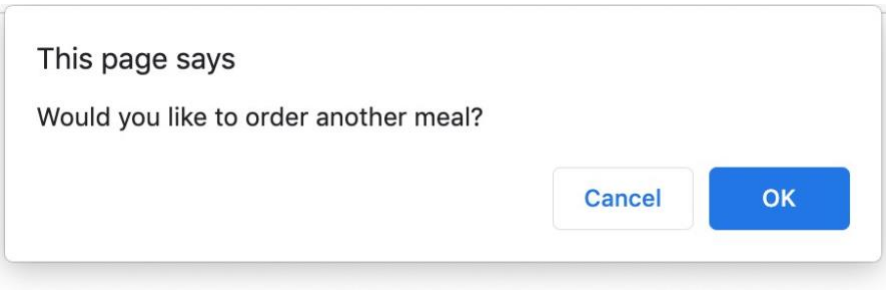


3. Then, using a loop, repeat the following processes until all orders are placed:
   ● Prompt for the users meal selection: (see screenshots for meal examples)
   o Display the current user number (For example: Hello customer #1. Any message that is personalized is correct)
   o Display a Menu with the following letter options (A, B, C, D), feel free to make your own names and prices:
   A - Hamburger and Fries: $9.95
   B - Soup and Salad: $13.50
   C - Turkey Wrap and Veggies: $7.95
   D - Hot Dog and Onion Rings: $11.50



● Check which meal option that was selected, then:
  - o Add the corresponding meal price to the order total
  - o Keep track of the total number of times each meal is selected by incrementing a counter variable for each option
  - o You also want to keep track of these for each individual customer

● Using confirm() ask the user if they want to order another meal (OK for yes, Cancel for no). Again keep track of the totals for each individual customer and the grand total.



● Keep prompting the user to choose a meal until they select Cancel.
Once the user selects Cancel, display the order information for **that customer's order**. The number of each meal they ordered, the total number of items that customer ordered, and the total price of their meals. See below:

```
Customer 1 here is your order:
2 of Meal Option A
0 of Meal Option B
1 of Meal Option C
0 of Meal Option D
The total for your 3 meal(s) is: $27.85
-----------------------------------
```

4. Outside the loop, once all orders are placed, output a bill showing the following (example below):

- A summary of all the meals selected
- The grand total for the whole order

```
Total number of Meal A: 3
Total number of Meal B: 2
Total number of Meal C: 5
Total number of Meal D: 3
The grand total for 4 customers is $131.10
```

Make sure all dollar values are shown to 2 decimal places throughout the whole program.

Example:

This order has 4 customers. You can see the summary for each customer and the bill for the whole order at the end.

```
Customer 1 here is your order:
2 of Meal Option A
0 of Meal Option B
1 of Meal Option C
0 of Meal Option D
The total for your 3 meal(s) is: $27.85
---------------------------------
Customer 2 here is your order:
0 of Meal Option A
0 of Meal Option B
0 of Meal Option C
1 of Meal Option D
The total for your 1 meal(s) is: $11.50
---------------------------------
Customer 3 here is your order:
0 of Meal Option A
0 of Meal Option B
3 of Meal Option C
0 of Meal Option D
The total for your 3 meal(s) is: $23.85
---------------------------------
Customer 4 here is your order:
1 of Meal Option A
2 of Meal Option B
1 of Meal Option C
2 of Meal Option D
The total for your 6 meal(s) is: $67.90
---------------------------------
Total number of Meal A: 3
Total number of Meal B: 2
Total number of Meal C: 5
Total number of Meal D: 3
The grand total for 4 customers is $131.10
>
```

Notes:

- Remember: Labs are to be completed independently! You can use various resources available to you including your textbook, slides, and notes.
- Once everything is working, zip your HTML page and submit it to the **Submissions, Lab 4** folder.

Rubric:

Student Name:

Marks Available	Marks Awarded For	Comments

10	**Web page runs and meets the lab requirements:**
	● Input gathered using prompts for the number of customers in the group.
	● Inside the loop:
	  ● Gather meal options, using a prompt show meal choices and prices
	  ● Indication of which customer is ordering
	  ● Confirm used to allow same customer to order multiple meals
	  ● Totals displayed for each customer
	● Outside the loop:
	  ● Output matches the sample output and shows a bill showing a summary of the meals selected and the total price of the order.	

2	**Style:**
	  ● Variables accurately declared following naming runs and conventions
	  ● Comments throughout (for each process)	

Total / 12		