



## Intro to JavaScript Week 5 Coding Assignment

**Points possible:** 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

**Instructions:** In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

### Coding Steps:

1. Create a menu app as seen in this week's video. What you create is up to you as long as it meets the following requirements.
  - a. Use at least one array.
  - b. Use at least two classes.
  - c. Your menu should have the options to create, view, and delete elements.



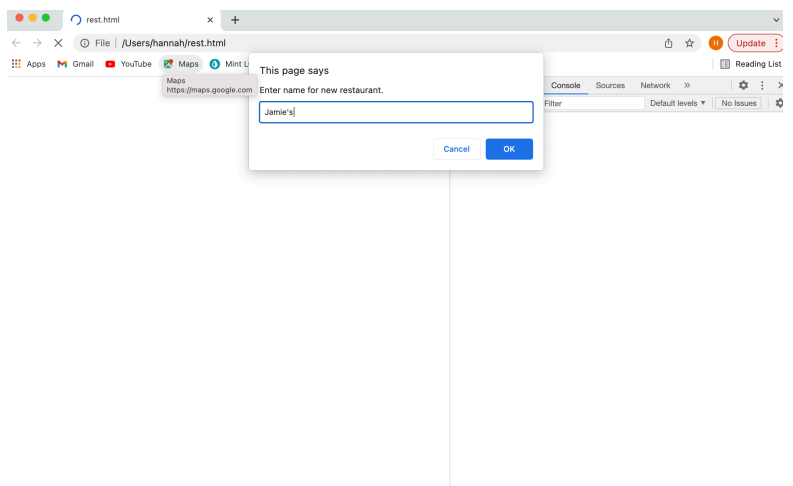
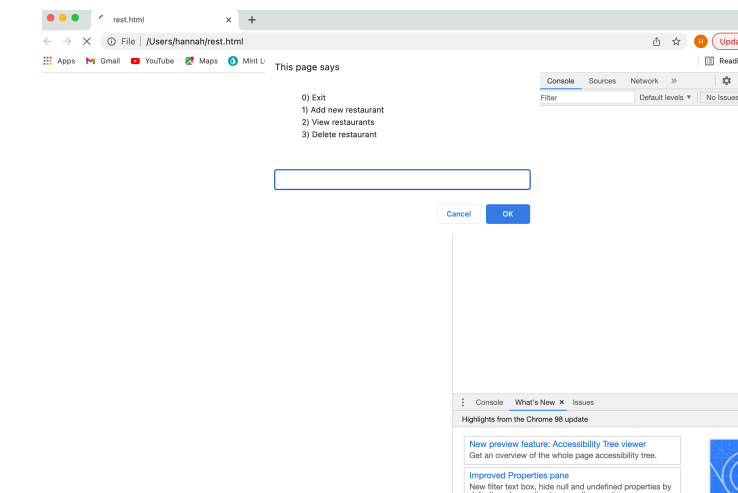
# PROMINEO TECH

## Screenshots of Code:

```
Get Started JS restaurantAdd.js X rest.html
Users > hannah > JS restaurantAdd.js > Menu > start
1 class Menu {
2   constructor(){
3     this.restaurant = [];
4   }
5 }
6 start(){
7   let selection = this.showMainMenuOptions();
8
9   while (selection != 0){
10    switch (selection){
11      case '1':
12        this.addRestaurant();
13        break;
14      case '2':
15        this.viewRestaurants();
16        break;
17      case '3':
18        this.deleteRestaurant();
19        break;
20      default:
21        selection = 0;
22    }
23    selection = this.showMainMenuOptions();
24  }
25 }
26 alert('Goodbye!');
27
28 showMainMenuOptions(){
29   return prompt('
30     0) Exit
31     1) Add new restaurant
32     2) View restaurants
33     3) Delete restaurant
34   ');
35 }
36
37 addRestaurant(){
38   let name = prompt('Enter name for new restaurant. ');
39   this.restaurant.push(new Restaurant(name));
40 }
41
42 viewRestaurants(){
43   let restString = '';
44   for(let i = 0; i < this.restaurant.length; i++){
45     restString += i + ' ' + this.restaurant[i].name + '\n';
46   }
47   alert(restString);
48 }
```

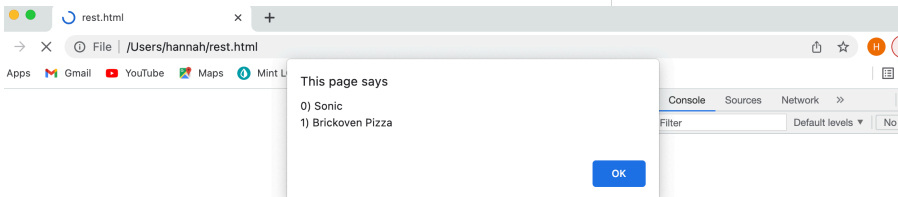
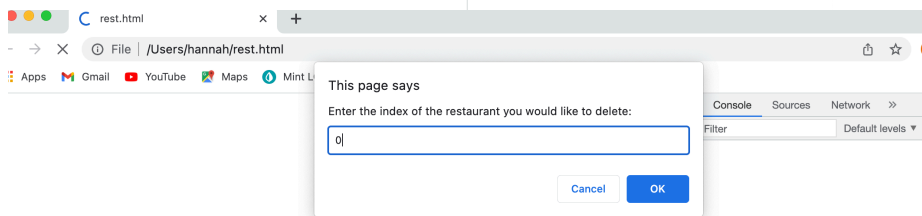
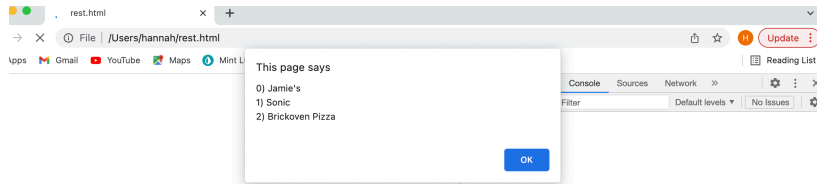
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44   this.restaurant.push(new Restaurant(name));
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47 viewRestaurants(){
48   let restString = '';
49   for(let i = 0; i < this.restaurant.length; i++){
50     restString += i + ' ' + this.restaurant[i].name + '\n';
51   }
52   alert(restString);
53 }
54
55 deleteRestaurant(){
56   let index = prompt('Enter the index of the restaurant you would like to delete: ');
57   if (index > -1 && index < this.restaurant.length){
58     this.restaurant.splice(index, 1);
59   }
60 }
61
62
63
64 class Restaurant{
65   constructor(name){
66     this.name = name;
67   }
68 }
69
70
71
72 let menu = new Menu();
73 menu.start();
```

## Screenshots of Running Application:





# PROMINEO TECH



**URL to GitHub Repository:**