

Intro to JavaScript Week 5 Coding Assignment

Points possible: 75

URL to Your GitHub Repository:

https://github.com/lbell/bootcamp_wk5_coding_assignment

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.

Screenshots of Code:



JS-Week5-Coding-Assignment.js > ...

CH

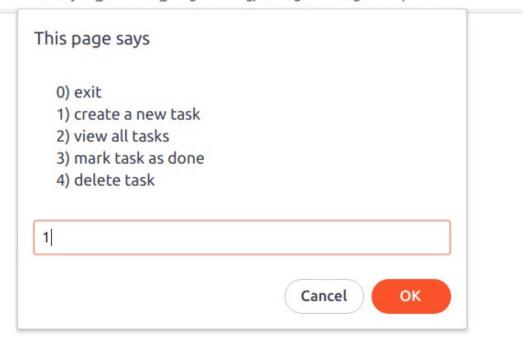
```
* Class #1: Task
       * Now with a method!
 5 */
6 class Task {
7 constructor
      constructor(taskName) {
        this.taskName = taskName;
this.taskStatus = "Todo";
11
12
       this.taskStatus = "Done";
 13
14
15
 16
 17
 18
 19
       * Class #2: Menu
2θ
21
       * Contains: 1 array (tasks)
* Contains methods: Create, view, delete, and (as a bonus) set a task to done.
 22
23
 24
 25
      class Menu {
        constructor() {

// Using "at least 1 array"

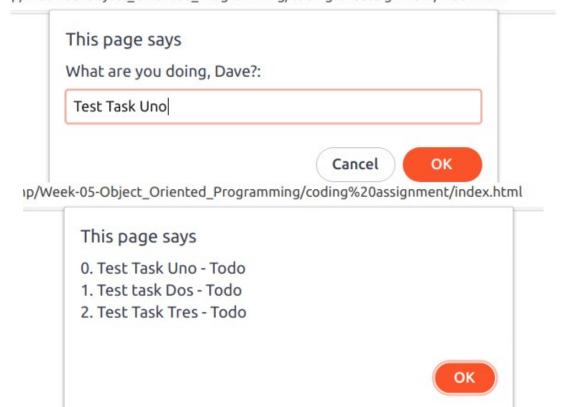
this.tasks = [];
26
27
 28
 29
 30
 31
        start() {
         let selection = this.showMainMenuOptions();
 32
 33
 34
          while (selection != 0) {
            switch (selection) {
case "1":
 35
 36
                this.createTask();
 37
 38
                break;
 39
               case "2":
               this.viewTasks();
break;
 40
 41
 42
               case "3":
               this.doneTask();
break;
43
 44
 45
               case "4":
               this.deleteTask();
break;
46
 47
 48
              default:
 49
               selection = 0;
 50
 51
             selection = this.showMainMenuOptions();
52
 53
          alert("Goodbye!");
55
 56
        showMainMenuOptions() {
 57
          return prompt('
 58
            0) exit
 59
            1) create a new task
            2) view all tasks
 61
            3) mark task as done
62
            4) delete task
          .);
 64
 65
        buildTaskList() {
          let taskList = "";
 67
 68
          for (let i = 0; i < this.tasks.length; i++) {
   taskList += i + ". " + this.tasks[i].taskName + " - " + this.tasks[i].taskStatus + "\n";
}</pre>
 69
 70
71
 73
         return taskList;
 74
 75
 76
77
        createTask() {
         let task = prompt("What are you doing, Dave?: ");
 78
          this.tasks.push(new Task(task));
 79
 88
        viewTasks() {
 81
         alert(this.buildTaskList());
 83
 84
 85
        doneTask() {
        let index = prompt(`Which task did you do?
 86
 87
       ${this.buildTaskList()}
 89
          if (index > -1 && index < this.tasks.length) {
 90
 91
            this.tasks[index].setDone();
 92
93
        deleteTask() {
 95
        let index = prompt(`Which task did you do?
96
 97
 98
      ${this.buildTaskList()}
          if (index > -1 && index < this.tasks.length) {
99
100
101
             this.tasks.splice(index, 1);
182
103
104
105
      let menu = new Menu();
106
      menu.start();
```

Screenshots of Running Application:

tcamp/Week-05-Object_Oriented_Programming/coding%20assignment/index.html



p/Week-05-Object_Oriented_Programming/coding%20assignment/index.html



week-us-object_oriented_Programming/coding%zuassignment/index.ntmt

This page says Which task did you do?	
0. Test Task Uno - Todo 1. Test task Dos - Todo 2. Test Task Tres - Todo	
1	
	Cancel OK

This page says 0. Test Task Uno - Todo 1. Test Task Dos - Done 2. Test Task Tres - Todo



PROMINEO TECH

This page says
Which task to delete?
-----0. Test Task Uno - Todo
1. Test Task Dos - Done
2. Test Task Tres - Todo

Cancel

OK

Week-05-Object_Oriented_Programming/coding%20assignment/index.html

This page says

0. Test Task Dos - Done

1. Test Task Tres - Todo