JAVASCRIPT (JQUERY)

ADVANCED

CoderDojo
CARLTON

NAME:

AGE:

START DATE:

EXTRA RESOURCES:

HTML basics http://www.goodellgroup.com/tutorial/

JAVASCRIPT https://www.codecademy.com/learn/javascript

JavaScript code monster http://www.crunchzilla.com/code-monster

PREREQUISITES:

Have completed HTML activities

Have completed Javascript Intermediate level

Software: Brackets http://brackets.io/

CARD 1

SETUP:
-project download
http://kata.coderdojo.com/wiki/Advanced_Javascript_Sushi

CHECKS:
- ☐ Completed setup installation
- ☐ Previewed project in the browser

CARD 2

PROJECT OUTLINE & WIRING BUTTONS
- adding new functions

CHECKS:
- ☐ Added toggleToDoItemState() function that accepts listItem parameter and when called logs appropriate message
- ☐ Tested jQuery ready() function
- ☐ Added appropriate functions to #addbutton #clear-button and #empty-button

---

CARD 3

CREATING A LIST
-creating arrays

CHECKS:
- ☐ Added loadList() function to document.ready()
- ☐ Used debugging tool to check for function call logs
- ☐ Implemented loadList function to load to do items

CARD 4

ADDING AN ITEM TO THE LIST
-calling functions from another function, click events

CHECKS:

☐ Added functionality to 'addToDoItem" function called when 'Add' button is clicked. When the button is pressed the value from the text field is stored in itemText variable and its value is logged to the console

☐ Implemented newToDoItem() function which adds new item to the end of the list

☐ Correctly called newToDoItem() function from addToDoItem() function

☐ Correctly used newToDoItem() in the loadList and reduced code from 17 lines to 3

MARKING AN ITEM COMPLETE
- 'this' keyword

CHECKS:

☐ Added click events to list items (toggleToDoItemState() function is called when user clicks on li tag)

☐ Is able to explain what 'this' keyword means

☐ Added extra functionality to toggleToDoItemState() which updates the array of to-do items and adds 'completed' class to the item that was clicked First

CARD 5

CARD 6

CLEANING THE LIST
- filter

CHECKS:

☐ Added functionality to remove to do items from the list

☐ Implemented cleanupCompletedToDoItems() function so that completed items can be removed from the array.

CONGRATULATIONS
YOU HAVE COMPLETED
ADVANCED JAVASCRIPT ACTIVITIES