



Assignment 1: Develop a dynamic to-do list (25%)

Due:

The purpose of this exercise is to test your knowledge custom object and object methods in JavaScript.

Instructions

The goal of the assignment is to develop a dynamic to-do list

1. The program should allow users to enter a list of tasks to do. Each task will have the following components:
 - I. Task name
 - II. Task description
 - III. Task date
 - IV. Option to choose whether it is urgent or not
 - V. Task Category
 - VI. Task order
2. Tasks should be added by a form.
3. Tasks should be displayed as they are entered on the same page (without doing a page submission or page refresh).
4. The user should be able to modify the tasks and the list. The users should be have the following capabilities with the list:
 - I. Edit the task components
 - II. View the tasks
 - III. Remove / delete the tasks
 - IV. Reorder the tasks
5. The user should be able to clear all the tasks in the “to-do” list with one action.
6. The program should also let the user show and hide the list.

Requirements

1. Package your HTML, JavaScript and CSS code as a zip file and submit to D2L dropbox for assignment 1.

Evaluation

This assessment is graded out of 25 points and will be evaluated using the following rubric.

Assessments that are not acceptable or not received will receive a grade of zero.

Criteria	Does Not Meet Expectations	Partially Meets Expectations	Meets Expectations	Max Points
Adding and displaying task	User can not add task, or can only add one field for a task or the tasks do not appear in HTML page as they are added (0 point)	Tasks can be added using a form and some of the required fields for the tasks can be entered and task appears on HTML page. (4 Points)	Tasks can be added using a form and all of the required fields for the tasks can be entered and task appears on HTML page. (7 points)	7
Tasks are stored as objects	Tasks are stored as single strings instead of objects (0 point)	Tasks are stored as objects but only some of the fields are stored as properties (4 Points)	Tasks are stored as objects and all of the fields are stored as properties (7 points)	7
Modify Task	None of the properties of the task can be modified (0 point)	Some of the properties of the task can be modified (2 points)	All the properties of the task can be modified (4 points)	4
Task Order can be changed	Task order cannot be changed or the changed order is not visible in HTML (0 points)	Task order is changed but is not visible on the html page (1 point)	Task order can be changed and visible on HTML page without page refresh or page submission (2 points)	2
Clear/delete all tasks	Tasks cannot be cleared/deleted with one action. (0 point)	Tasks are deleted but still remains visible in HTML (2 points)	Tasks are deleted and cleared from HTML in one action. (3 points)	3
Show / hide all tasks	Tasks cannot be shown / hidden all together. (0 point)	Tasks can only be shown or hidden altogether. (1 point)	Tasks can be shown / hidden all together. (2 point)	2