

Name: _____

Mark: _____ / 100

Instructions

Create a single Web page that contains a number of HTML5 API's, including Local Storage, Drag and Drop, and HTML5 Canvas.

Requirements

1. **Local Storage:** Use local storage to save at least 3 name/value pairs of information. This is **only a suggestion**, but these could be things such as
 - A counter that shows how many times the user has visited the page.
 - A remembered name/username that you can show the user when they return to the page.
 - Some kind of CSS style preference, such as a background colour or font colour.
 - Anything else you can think of that you might want to store.
2. **Drag and Drop:** Enable a draggable object, as well as another object it can be dropped into, which will then run some kind of JavaScript action.
3. **HTML5 Canvas:** Use the HTML5 <canvas> tag with JavaScript. This could be text with effects; an animation; or anything else you can think of. It needs to have some kind of motion/animation for full marks.

Submission Guidelines

Upload your files in a folder to the specified OneDrive folder by the due date.

The file name for your folder should be:

21129_2001_assignment3_lastname_firstname.zip

Due Date and Time:

Friday, July 17, 2020 at 11:59 PM.

Marking Criteria

Marks for this project will be given as follows:

Criteria	Needs Work	Proficient	Excellent	Mark
Local Storage	No local storage used.	Less than the required 3 local storage name/value pairs. (-10 for each missing pair)	At least 3 name/value pairs used with local storage.	
	0	10-20	30	/ 30
Marking Comments				
Drag and Drop	No drag and drop found.	Drag and drop utilized, but not in an effective manner.	Drag and drop used in an effective manner.	
	0	1-29	30	/ 30
Marking Comments				
HTML5 Canvas	No HTML5 Canvas used	Objects in canvas as stationary with no animation (15 marks) Canvas object(s) are overly simple, or don't serve any kind of purpose.	HTML Canvas used effectively, with some sort of animation.	
	0	1-29	30	/ 30
Marking Comments				
Subjective	Mark for the overall appearance of the page, and usefulness of the script. Make the assignment look like a single unified app.			
				/ 10
Marking Comments				
			Total Marks	/ 100
Additional Comments				