

Course:	INFO1232, Javascript I
Professor:	Daniel Malnati
Project:	Lab 6
Due Date:	April 3 rd @ 11:59pm
Submitting:	FOL Submissions folder, Lab 6
Student Name:	

Lab Description

1. Download "StarterCode_Lab6" from the FOL Submission Folder "Lab 6", rename the html file with your first name followed by an underscore and then "Lab6". For example, "Daniel_Lab6.html".
2. Your Web Page will serve as User Creation Tool. Where the site admins can also view user data using the same form.
3. Create a constructor for the User object, with the following parameters:

User	
firstName	// The users first name
lastName	// The users last name
age	// The users age
phone	// The users phone number
email	// The users email

4. Create an array to store the users objects in **global** scope.
5. In Global scope, create some users objects and store them in the **global** users array.

Some sample User data				
firstName	lastName	age	phone	email
Mathew	Smith	23	555 – 123 – 4567	msmith@example.com
Lisa	Ivory	20	555 – 234 – 5678	livory@example.com
Howard	White	31	555 – 345 – 6789	hwhite@example.com
Karen	Smith	27	555 – 456 – 7890	ksmith@example.com

6. Create a function that outputs the users in the Array to the userOutput area in the following format:
 - userIndex (or id) starting from 1
 - the first letter of the users first name followed by a "." Dot
 - the users last name

This function will be called when the page loads after the users have been added to the array and after a new user has been created.

Users

1: M. Smith
 2: L. Ivory
 3: H. White
 4: K. Smith

7. Create the following functionality for the buttons on the webpage:

Create:	<p>When the Create button is pressed:</p> <ul style="list-style-type: none">• Retrieve the values from the form• Using your constructor, create a new User Object with the values from the form• Add the newly created user to the array• Clear the form elements of data• Call the function you created in Step 6
Show User Details:	<p>When this button is pressed:</p> <ul style="list-style-type: none">• Prompt the user for the user index (shown in the list from Step 6)• Using that index, display the corresponding user details by writing them to the forms input fields<ul style="list-style-type: none">▪ If the index is out of range of the bounds of the array, alert the user that they entered an invalid index <p><i>(See Sample Output Below)</i></p>
Clear	<p>When the Clear button is pressed</p> <ul style="list-style-type: none">• Clear the form of its values

User Details

First Name

Last Name

Age

Phone #

Email

When Show Details is
pressed and the number
4 is entered
I should see User 4's
information in the form

Users

1: M. Smith
2: L. Ivory
3: H. White
4: K. Smith

8. When you are done, ZIP your files and submit to the Lab 6 folder

Marks	What are Marks Awarded For?	Earned
1	Comments <ul style="list-style-type: none"> Page documentation including name, date, purpose Script comments for each process 	
1	No Errors <ul style="list-style-type: none"> Page does not throw any errors on load 	
2	User Constructor <ul style="list-style-type: none"> Constructor uses 5 parameters to assign to object properties Constructor is called and created objects are added to the global array 	
3	Create <ul style="list-style-type: none"> User is created using form input User is added to array Form is cleared after creation 	
3	Show <ul style="list-style-type: none"> Index is validated Correct User details are shown User details are populated in the form elements 	
1	Clear <ul style="list-style-type: none"> Form cleared 	
2	Display <ul style="list-style-type: none"> Users Displayed in Correct Format Function called after User is added to array 	
13	Total (-80% Web page runs and meets the lab requirements)	