

Week 5 and 6 Practical Exercises

Note:

- This exercise will be assessed as part of the Practical Set 1 submission.
- Include comments for your student ID, Name, and Practical Class Time at the top of each source file created.
- All files must be uploaded to your TWA web site before submission of Practical Set 1.
- An annotated pdf of the original form is supplied showing items a to r for easy reference

Objectives:

- Write correct JavaScript to enforce identified form validation rules
- Complete exercise 1 below and upload the solution to your TWA web site in the Practicals/Prac1/Week5 folder. Test and validate the pages.

Suggested Resources:

- CSS reference <https://www.w3schools.com/cssref/default.asp>
 - HTML tag list <https://www.w3schools.com/tags/default.asp>
 - JavaScript HTML DOM https://www.w3schools.com/js/js_htmlDOM.asp
 - JavaScript tutorials <https://www.w3schools.com/js/default.asp>
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Exercise 1:

- Create a new folder in your TWA site under **Practicals/Prac1** and name it **Week5**
- Upload all files for your solution to Week 4 Exercise 2 into your TWA web site in the **Practicals/Prac1/Week5** folder.
- Create a JavaScript file named **formValidation.js** in the Practicals/Prac1/Week5 folder on your TWA web site.
- Link the **formValidation.js** file to **Exercise-2.html** in the Practicals/Prac1/Week5 folder using the appropriate html tag in the head section of the html file.
- Write JavaScript code in **formValidation.js** to perform the following functionality for the form you implemented in Exercise-2.html. **NOTE - All of the functionality must be achieved via JavaScript NOT via HTML5 form validation attributes:**

1. the Marriage Certificate Application Form is **not allowed to submit** if there are any errors in user input. The user input rules are as follows:

a. Date of Marriage:	Required, format of dd/mm/yyyy
b. Place of marriage:	Required
c. Surname 1:	Required, alphabetic characters only
d. Given name 1:	Required, alphabetic characters only
e. Maiden surname 1:	Alphabetic characters only
f. Surname 2:	No validation
g. Given name 2:	No validation
h. Maiden surname 2:	No validation
i. Full name:	No validation
j. Postal Address:	Number, alphabetic, space [], hyphen [-], and slash [/] characters only
k. Suburb:	Alphabetic characters only
l. State:	Valid Australian states only
m. Postcode:	4 numeric digits
n. Relationship:	No validation
o. Phone:	8 or 10 numeric digits
p. Email:	Valid email format
q. Reason:	Required, must choose maximum of 1; Other: Required if no reason chosen.
r. Declaration:	Required
2. When errors occur in user input the user must be alerted to these errors through appropriate **inline messages** (not alert boxes). You will need to add some appropriate CSS rules to **MarriageCert.css** as well as modifying the HTML in **Exercise-2.html** to accommodate for the display of these inline messages.
3. When there are no user input errors the form should be allowed to be submitted to the form action <http://tl28serv.westernsydney.edu.au/twainfo/form.asp>