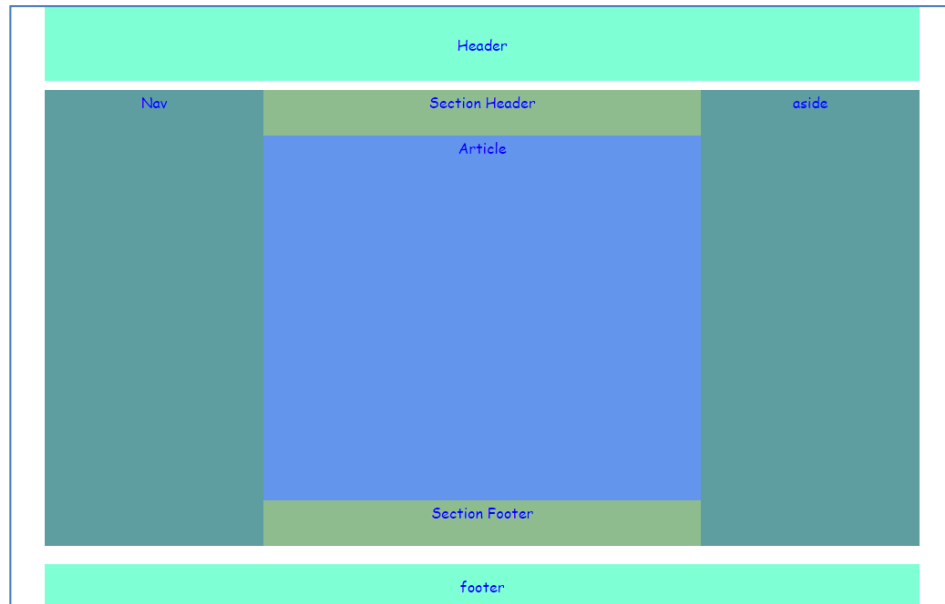


# Worksheet 2: HTML5 & CSS Practice

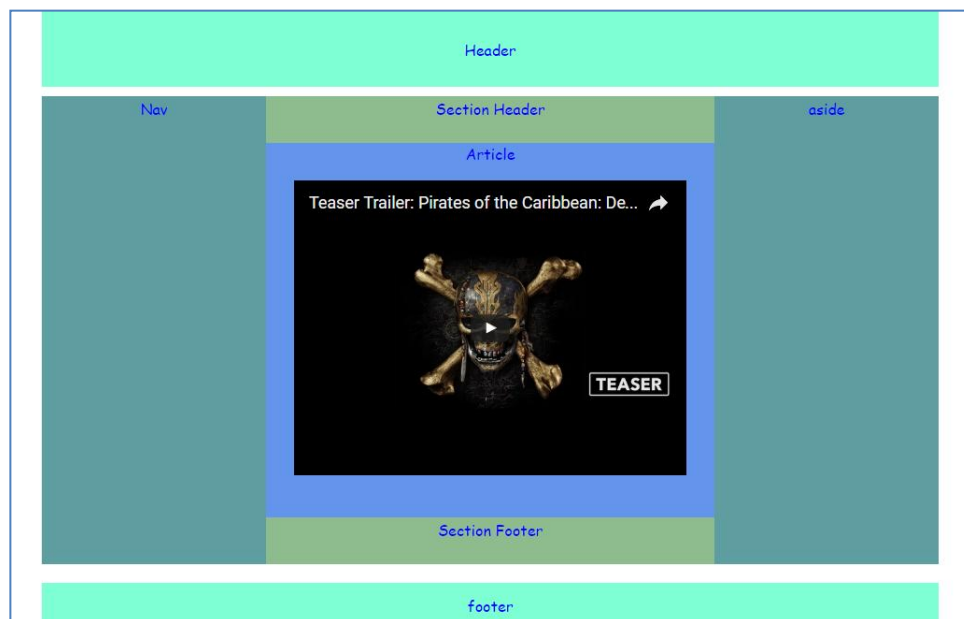
---

## Page Layout

1. We've covered the HTML5 container layout elements. Use CSS to organise these layouts as shown in the diagram below:



2. Now embed a video in the section content.



## Tables

3. Create the following table:

Vehicle #	Year	Make	Model
1	1957	Ford	Thunderbird
2	1958	Chevrolet	Impala
3	2012	BMW	Z4
4	2003	Mazda	Miata

4. Update your table as follows:

Vehicle #	Year	Make	Model	Price
1	1957	Ford	Thunderbird	14,000
2	1958	Chevrolet	Impala	3,000
3	2012	BMW	Z4	40,000
4	2003	Mazda	Miata	5,000
Total:				62,000

5. Style your table using CSS.

Vehicle #	Year	Make	Model	Price
1	1957	Ford	Thunderbird	14,000
2	1958	Chevrolet	Impala	3,000
3	2012	BMW	Z4	40,000
4	2003	Mazda	Miata	5,000
Total:				62,000

## Forms

6. Create a form similar to the one below:

### Registration

**Enter your details:**

First name:

Last name:

Gender:  
☒ Male  
☐ Female

Email:

Address:

7. Upon pressing **Submit**, the page should redirect you to another page, which displays the following:

### Form Details Submitted

Thank you for your details!

8. Edit the form to include new HTML5 elements which would allow for the following updates:

- a) Allow the user to enter a username and password as well as shown in a diagram below.
- b) Set placeholders for different input fields:

## Registration

**Enter your details:**

First name:

Last name:

Username:

Password:

Gender:  
☒ Male  
☐ Female

Email:

Address:

- c) The password input should not be displayed:

First name:

Last name:

Username:

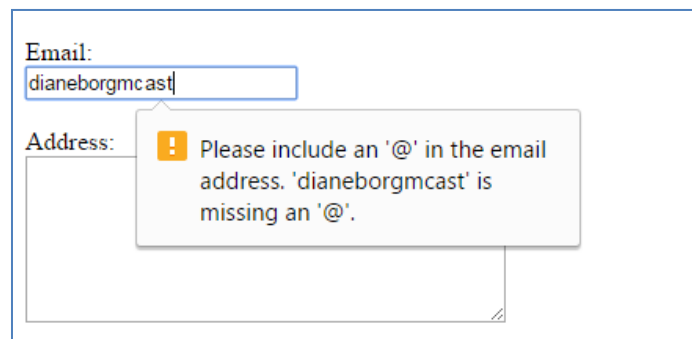
Password:

- d) The first name, last name, username, password and email fields should be **required**.



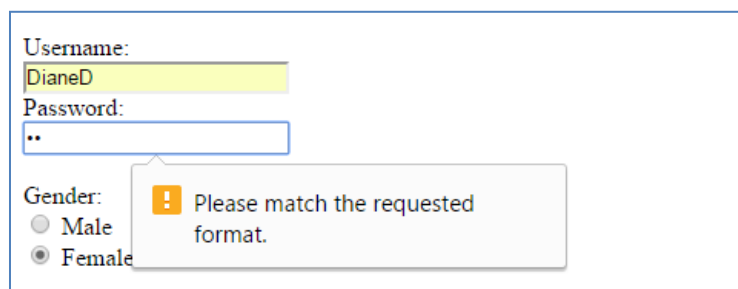
A form with five input fields: 'First name:' (placeholder 'Name'), 'Last name:' (placeholder 'Surname'), 'Username:' (placeholder 'Username'), and 'Password:' (empty). A tooltip with an orange exclamation mark icon and the text 'Please fill out this field.' points to the 'Last name' field.

- e) The email input should be inserted in the correct format.



A form with two input fields: 'Email:' (containing 'dianeborgmcast') and 'Address:' (empty). A tooltip with an orange exclamation mark icon and the text 'Please include an '@' in the email address. 'dianeborgmcast' is missing an '@'.' points to the 'Email' field.

- f) The password should have a minimum of 5 characters and a maximum of 15 characters.



A form with three input fields: 'Username:' (containing 'DianeD'), 'Password:' (containing '..'), and 'Gender:' (radio buttons for 'Male' and 'Female', with 'Female' selected). A tooltip with an orange exclamation mark icon and the text 'Please match the requested format.' points to the 'Password' field.

- g) Change the formatting so that invalid input is surrounded with a solid red border.

## Registration

Enter your details:

First name:

Last name:

Username:

Password:

Gender:  
☒ Male  
☐ Female

Email:

Address:


h) Add a validation message to the error given for the password input

Username:

Password:

Gender:  
☐ Male  
☒ Female

Email:

 Please match the requested format.  
Your password needs to be between 5 and 15 characters.

All validations should be implemented via HTML5 attributes and **not** via scripting.