

Problem 1. Replace all href values

Description

Write a function that replaces all occurrences of the href values of all links in a site.

Input

One href string that you want to be replaced.

Output

All href values of the site will be replaced by the specified href string.

Link web: <https://www.w3schools.com/js/default.asp>

Problem 1. Replace all href values

[Website 1](#)

[Website 2](#)

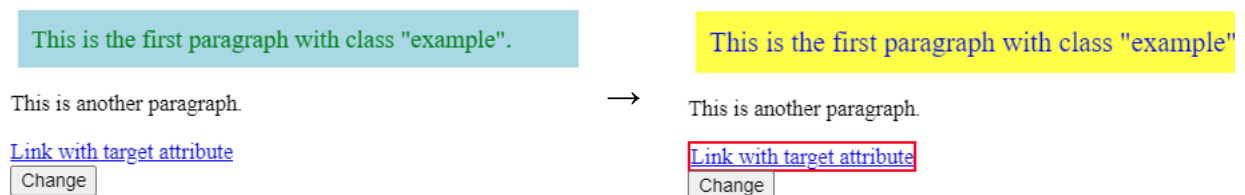
[Website 3](#)

Problem 2. querySelector() Method

Expand pre-written HTML code to:

- Add a background color to the first p element in the document with class = "example".
- Add a red border to the first link that has a target attribute.
- Change a font size and a color of the first p element in the document where the parent is a div element.

When you click the Change button



Problem 3. querySelectorAll() Method

Expand pre-written HTML code to:

- Add a background color to the first p element in the document with class = “example”
- Change the margin and padding and add a border of all elements with class = “example”.
- Add a red border and remove the underline to all links in the document with a target attribute.
- Change the color of all h1 and h2 elements with class = “Title”.

When you click the Change button

This is the first paragraph with class "example".

Another paragraph with class "example".

This is a regular paragraph.

[Link with target attribute](#)

[Another link with target attribute](#)

Title 1

Title 2

→

This is the first paragraph with class "example".

Another paragraph with class "example".

This is a regular paragraph.

[Link with target attribute](#)

[Another link with target attribute](#)

Title 1

Title 2

Problem 4. Gallery

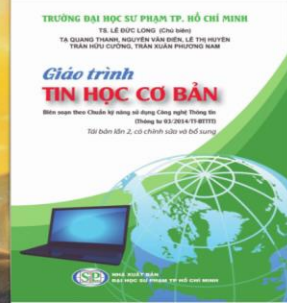
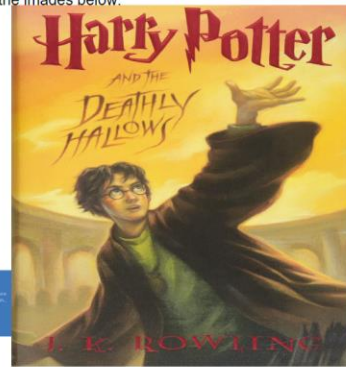
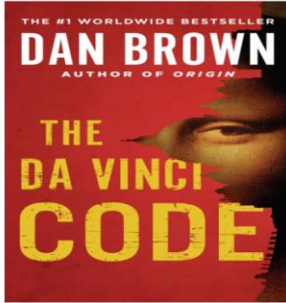
Create a tabbed image gallery with CSS and JavaScript.

Note: click on a small image to expand it and mouse on a small image to hover it.

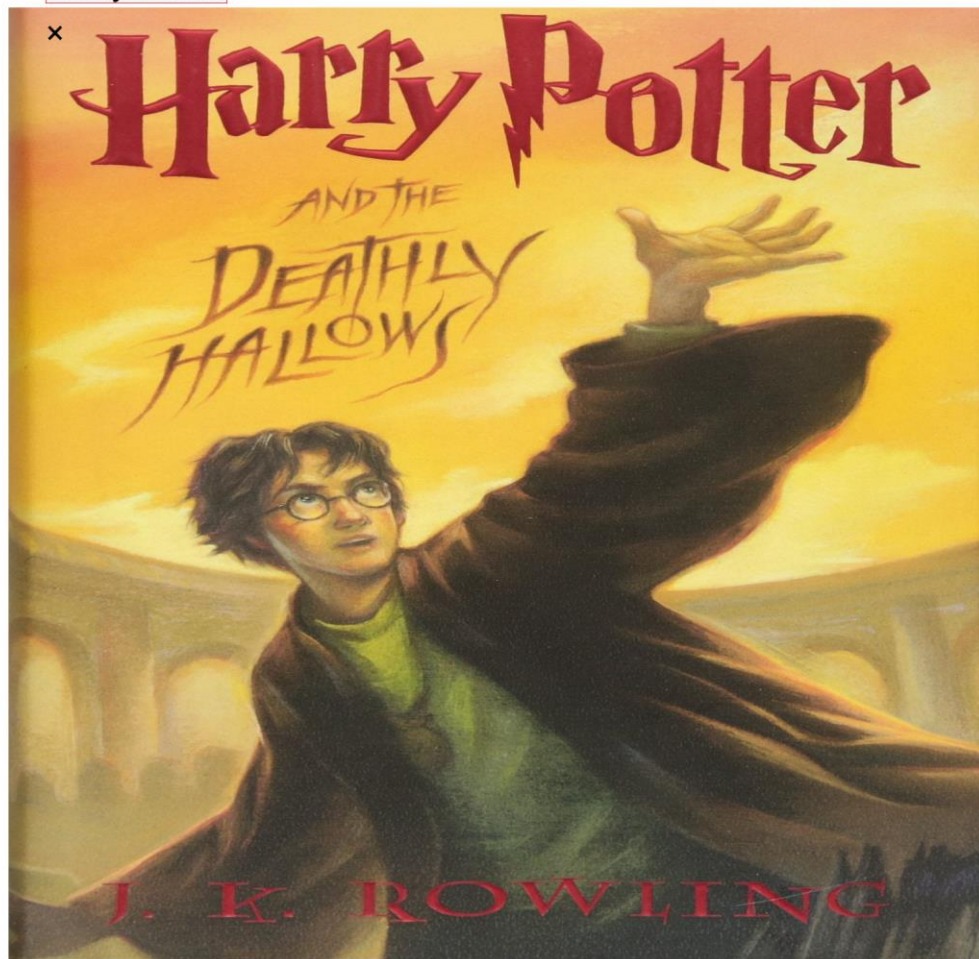


Tabbed Image Gallery

Click on the images below:



Harry Potter



Problem 5. Alert Messages

Alert messages can be used to notify the user about something special: danger, success, information, or warning.

Create alert messages automatically disappearing after 5 seconds or when clicking on a quit symbol.

Alert Messages

Click on the "x" symbol to close the alert message.

Danger! Indicates a dangerous or potentially negative action.	×
Success! Indicates a successful or positive action.	×
Info! Indicates a neutral informative change or action.	×
Warning! Indicates a warning that might need attention.	×

Problem 6. Form Validation

Using JavaScript to validate the form before it is submitted.

Using Problem 4 - Registration form in Practice2.

Full Name*	<input type="text" value="Enter your full name"/> Please input your name
Email*	<input type="text" value="Enter your email"/> Please input your email
Password*	<input type="password" value="Enter your password"/> Please input your password (min-length = 6)
Confirm Password*	<input type="password" value="•"/> It does not match your password
Phone number*	<input type="text" value="Enter your phone number (only numbers)"/>
Address	<input type="text"/>
City	<input type="text" value="Enter your City"/> State <input type="text" value="Enter your State"/>
Zip/Postal Code	<input type="text" value="Enter your Zip/Postal Code"/>
Country	<input type="text" value="[Select your country]"/>
Birthday	<input type="text" value="mm/dd/yyyy"/>
Gender	<input type="text" value="Male"/>
Starting date	<input type="radio"/> Spring <input type="radio"/> Summer
Comments	<input type="text" value="Please send us more information"/>
<input type="button" value="Submit"/>	

Problem 7: User management

API: GET <https://fakestoreapi.com/users>

Use Fetch API/Axios to get data from the API

```
async function GetData() {  
    var url = 'https://fakestoreapi.com/users';  
    var data;  
    await fetch(url)  
        .then((res) => res.json())  
        .then((json) => data = json);  
    console.log(data);  
    RenderItem(data);  
}
```

User Management

Email	Username	Password	First Name	Last Name	Phone	Address
john@gmail.com	johnd	*****	john	doe	1-570-236-7033	7682-new road-kilcoole
morrison@gmail.com	mor_2314	*****	david	morrison	1-570-236-7033	7267-Lovers Ln-kilcoole
kevin@gmail.com	kevinryan	*****	kevin	ryan	1-567-094-1345	86-Frances Ct-Cullman
don@gmail.com	donero	*****	don	romer	1-765-789-6734	6454-Hunters Creek Dr-San Antonio
derek@gmail.com	derek	*****	derek	powell	1-956-001-1945	245-adams St-san Antonio
david_r@gmail.com	david_r	*****	david	russell	1-678-345-9856	124-prospect st-el paso
miriam@gmail.com	snyder	*****	miriam	snyder	1-123-943-0563	1342-saddle st-fresno
william@gmail.com	hopkins	*****	william	hopkins	1-478-001-0890	1342-vally view In-mesa
kate@gmail.com	kate_h	*****	kate	hale	1-678-456-1934	345-avondale ave-miami
jimmie@gmail.com	jimmie_k	*****	jimmie	klein	1-104-001-4567	526-oak lawn ave-fort wayne