



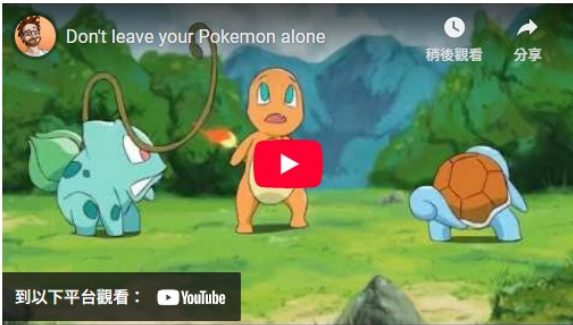


# Exercise 1: Pokemon

Create a simple web page about Pokémon characters using HTML5 standards. This exercise will help you practice various HTML elements and attributes.

## Albert's Mini Pokemon Gallery

Pokemon	Picture	Link
Pikachu		<a href="https://www.pokemon.com/us/pokedex/pikachu">https://www.pokemon.com/us/pokedex/pikachu</a>
Bulbasaur		<a href="https://www.pokemon.com/us/pokedex/bulbasaur">https://www.pokemon.com/us/pokedex/bulbasaur</a>
Charmander		<a href="https://www.pokemon.com/us/pokedex/charmander">https://www.pokemon.com/us/pokedex/charmander</a>
Squirtle		<a href="https://www.pokemon.com/us/pokedex/squirtle">https://www.pokemon.com/us/pokedex/squirtle</a>
		
<a href="#">[Contact Author]</a> <a href="#">[Pokémon Wiki]</a>		

Requirements:

- (1) Use HTML5 doctype and include appropriate `<head>` and `<body>` tags.
- (2) Create a main heading using `<h1>` with the text "Albert's Mini Pokemon Gallery" (Please **replace "Albert" to your name**).
- (3) Construct a table using the HTML5 standard structure, including `<thead>`, `<tbody>`, and `<tfoot>`.
  - Set the table width to 50% of the page width.
  - The table should have a border and cellpadding of 5 pixels.
- (4) In the table header (`<thead>`), create a row with the following column headings:
  - "Pokemon" (use `<th>`)
  - "Picture" (use `<th>`)

- "Link " (use <th>)
- (5) In the table body (<tbody>), create rows for the Pokémon (Pikachu, Bulbasaur, Charmander, and Squirtle).
- The pictures should be placed in <td>.
  - The file names of the pictures are pikachu.png, bulbasaur.png, charmander.png, and squirtle.png.
  - The height and width of pictures should be set to 100 pixels.
  - Please make each image a hyperlink to [https://www.pokemon.com/us/pokedex/\[pokemon-name\]/](https://www.pokemon.com/us/pokedex/[pokemon-name]/).
- (6) In the table footer (<tfoot>), create the first row that spans all columns and embeds a YouTube video:
- Use the <iframe> element to embed a YouTube video: <https://www.youtube.com/watch?v=xtkcVp43Df4>.
  - Set appropriate width and height for the video.
- (7) In the table footer (<tfoot>), create the second row to show two links in two lines:
- "Contact Author" - When clicked, it should open the user's default email client (e.g., Outlook) with your email address in the "to" field.
  - "Pokémon Wiki" - When clicked, it should open a new tab or window that renders <https://en.wikipedia.org/wiki/Pok%C3%A9mon>.

#### Hints:

- (1) Review the structure and attributes of HTML tables, including rowspan and colspan.
- (2) Understand the "cellpadding" attribute: <https://www.geeksforgeeks.org/html-table-cellpadding-attribute/>
- (3) You should use the "width" attribute of <table>: <https://www.geeksforgeeks.org/html-table-width-attribute/>.
- (4) You may use the "align" attribute for <td>: <https://www.geeksforgeeks.org/html-td-align-attribute/>.
- (5) Understand how to make an image hyperlink.
- (6) Look up how to use the target attribute for opening links in new windows/tabs.
- (7) Understand how to make a single line break (斷行).
- (8) Explore the YouTube embed options for customizing the embedded video player. ("分享" -> "嵌入")