

POKEMON SEARCH APP CERTIFICATION PROJECT

In this project, you'll build an app that will search for Pokémon by name or ID and display the results to the user. To retrieve the Pokémon data and images, you'll use freeCodeCamp's [PokéAPI Proxy](#).

Note: The first 13 steps must be completed inside the `index.html` file.

Objective: Build an app that is functionally similar to <https://pokemon-search-app.freecodecamp.rocks>.

User Stories:

1. You should have an `input` element with an `id` of `"search-input"`.
2. You should have a `button` element with an `id` of `"search-button"`.
3. You should have an element with an `id` of `"pokemon-name"`.
4. You should have an element with an `id` of `"pokemon-id"`.
5. You should have an element with an `id` of `"weight"`.
6. You should have an element with an `id` of `"height"`.
7. You should have an element with an `id` of `"types"`.
8. You should have an element with an `id` of `"hp"`.
9. You should have an element with an `id` of `"attack"`.
10. You should have an element with an `id` of `"defense"`.
11. You should have an element with an `id` of `"special-attack"`.
12. You should have an element with an `id` of `"special-defense"`.
13. You should have an element with an `id` of `"speed"`.
14. When the `#search-input` element contains the value `Red` and the `#search-button` element is clicked, an alert should appear with the text `"Pokémon not found"`.
15. When the `#search-input` element contains the value `Pikachu` and the `#search-button` element is clicked, the values in the

`#pokemon-name`, `#pokemon-id`, `#weight`, `#height`, `#hp`, `#attack`, `#defense`, `#special-attack`, `#special-defense`, and `#speed` elements should be `PIKACHU`, `#25` or `25`, `Weight: 60` or `60`, `Height: 4` or `4`, `35`, `55`, `40`, `50`, `50`, and `90`, respectively.

16. When the `#search-input` element contains the value `Pikachu` and the `#search-button` element is clicked, you should add an `img` element with the `id` of `"sprite"` and the `src` set to the Pokémon's `front_default` sprite to the page.
17. When the `#search-input` element contains the value `Pikachu` and the `#search-button` element is clicked, the `#types` element should contain a single inner element with the value `ELECTRIC`. The `#types` element content should be cleared between searches.
18. When the `#search-input` element contains the value `94` and the `#search-button` element is clicked, the values in the `#pokemon-name`, `#pokemon-id`, `#weight`, `#height`, `#hp`, `#attack`, `#defense`, `#special-attack`, `#special-defense`, and `#speed` elements should be `GENGAR`, `#94` or `94`, `Weight: 405` or `405`, `Height: 15` or `15`, `60`, `65`, `60`, `130`, `75`, and `110`, respectively.
19. When the `#search-input` element contains the value `94` and the `#search-button` element is clicked, you should add an `img` element with the `id` of `sprite` and the `src` set to the Pokémon's `front_default` sprite to the page.
20. When the `#search-input` element contains the value `94` and the `#search-button` element is clicked, the `#types` element should contain two inner elements with the text values `GHOST` and `POISON`, respectively. The `#types` element content should be cleared between searches.

Fulfill the user stories and pass all the tests below to complete this project. Give it your own personal style. Happy Coding!

Note: When running the tests there will be a slight delay. Please wait a few seconds to allow the tests to finish. Do not refresh the page before they are done.

TESTS

1. You should have an `input` element with an `id` of `"search-input"` and is **required**.
2. You should have a `button` element with an `id` of `"search-button"`.
3. You should have an element with an `id` of `"pokemon-name"`.
4. You should have an element with an `id` of `"pokemon-id"`.
5. You should have an element with an `id` of `"weight"`.
6. You should have an element with an `id` of `"height"`.
7. You should have an element with an `id` of `"types"`.
8. You should have an element with an `id` of `"hp"`.
9. You should have an element with an `id` of `"attack"`.
10. You should have an element with an `id` of `"defense"`.
11. You should have an element with an `id` of `"special-attack"`.
12. You should have an element with an `id` of `"special-defense"`.
13. You should have an element with an `id` of `"speed"`.
14. When the `#search-input` element contains the value `Red` and the `#search-button` element is clicked, an alert should appear with the text `"Pokémon not found"`.
15. When the `#search-input` element contains the value `Pikachu` and the `#search-button` element is clicked, the values in the `#pokemon-name`, `#pokemon-id`, `#weight`, `#height`, `#hp`, `#attack`, `#defense`, `#special-attack`, `#special-defense`, and `#speed` elements

should be PIKACHU, #25 or 25, Weight: 60 or 60, Height: 4 or 4, 35, 55, 40, 50, 50, and 90, respectively.

16. When the `#search-input` element contains the value `Pikachu` and the `#search-button` element is clicked, you should add an `img` element with the `id` of "sprite" and the `src` set to the Pokémon's `front_default` sprite to the page.
17. When the `#search-input` element contains the value `Pikachu` and the `#search-button` element is clicked, the `#types` element should contain a single inner element with the value `ELECTRIC`. Make sure the `#types` element content is cleared between searches.
18. When the `#search-input` element contains the value `94` and the `#search-button` element is clicked, the values in the `#pokemon-name`, `#pokemon-id`, `#weight`, `#height`, `#hp`, `#attack`, `#defense`, `#special-attack`, `#special-defense`, and `#speed` elements should be GENGAR, #94 or 94, Weight: 405 or 405, Height: 15 or 15, 60, 65, 60, 130, 75, and 110, respectively.
19. When the `#search-input` element contains the value `94` and the `#search-button` element is clicked, you should add an `img` element with the `id` of "sprite" and the `src` set to the Pokémon's `front_default` sprite to the page.
20. When the `#search-input` element contains the value `94` and the `#search-button` element is clicked, the `#types` element should contain two inner elements with the text values `GHOST` and `POISON`, respectively. Make sure the `#types` element content is cleared between searches.
21. When the `#search-input` element contains an invalid Pokemon name and the `#search-button` element is clicked, an alert should appear with the text "Pokémon not found".

22. When the `#search-input` element contains a valid Pokemon id and the `#search-button` element is clicked, the UI should be filled with the correct