

# Web Programming

## In-class activities Week 6 – Fetch API

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# Exercise I

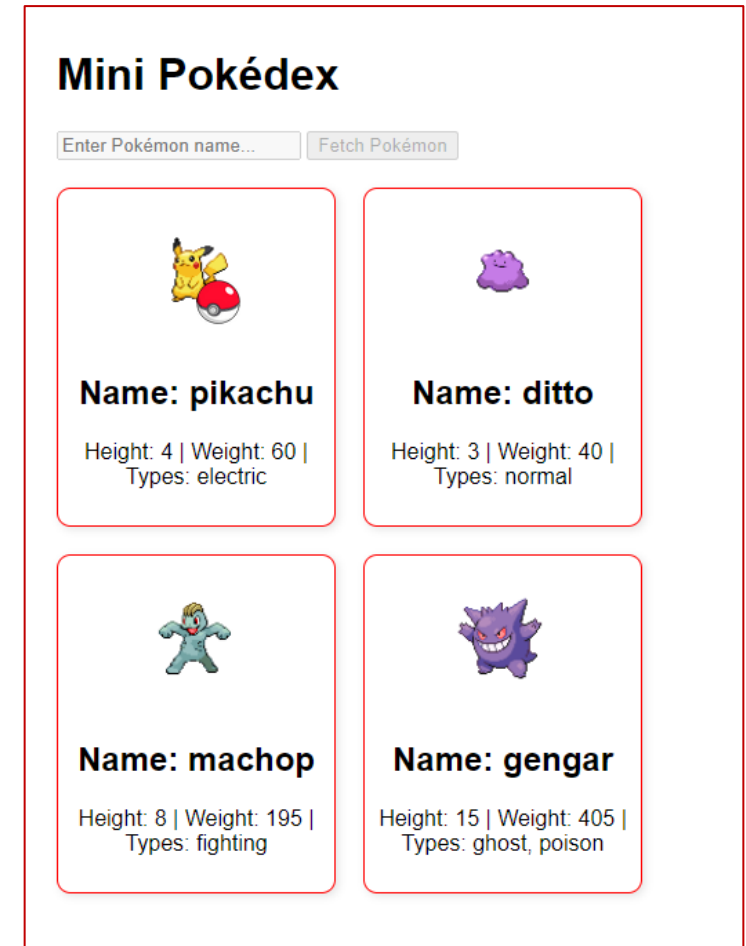
- Test this asynchronous code and explain what does
- Transform the code so it uses `async/await` syntax

```
const pokemonUrl = "https://pokeapi.co/api/v2/pokemon/gengar";

fetch(pokemonUrl)
  .then(response => response.json())
  .then(data => {
    console.log(data.name);
    console.log(data.height);
    console.log(data.weight);
    data.types.forEach(type => {
      console.log(type.type.name);
    });
  })
  .catch(error => {
    console.error("Error fetching Pokemon data:", error);
  });
```

# Exercise II: Pokémon Pokédex


- In this exercise, you will be implementing a mini Pokémon Pokédex that can display up to four Pokémon at the same time.
- The starter code (you can download from eclass) already provides most of the functionality described below:
  - The `createPokemonCard(data)` function, creates an article and populates it with pokemon data.
  - The `removePokemon()` function, removes a pokemon card from the pokedex container
  - The function `checkNumDisplayed()`, enables and disables the button and input according to the maximum number of pokemons allowed.



# Exercise II: Pokémon Pokédex


- Your task is to implement the asynchronous functions to consume the [PokeAPI](#), the RESTful Pokemon API
- Follow the template provided in eclass and implement the following functions:
  - async function fetchPokemon
    - Fetch the data from the pokemon API
  - async function addPokemonToPokedex
    - Take the pokemon data as JSON object and send it to createPokemonCard, after that it adds the card to the pokemon container and validates the maximum number of pokemons allowed
  - async function statusCheck
    - Helper function to check the status of your Http response

## Mini Pokédex




**Name: pikachu**

Height: 4 | Weight: 60 |  
Types: electric




**Name: ditto**

Height: 3 | Weight: 40 |  
Types: normal



**Name: machop**

Height: 8 | Weight: 195 |  
Types: fighting



**Name: gengar**

Height: 15 | Weight: 405 |  
Types: ghost, poison