

## Aula 3 – Introdução ao Front-End

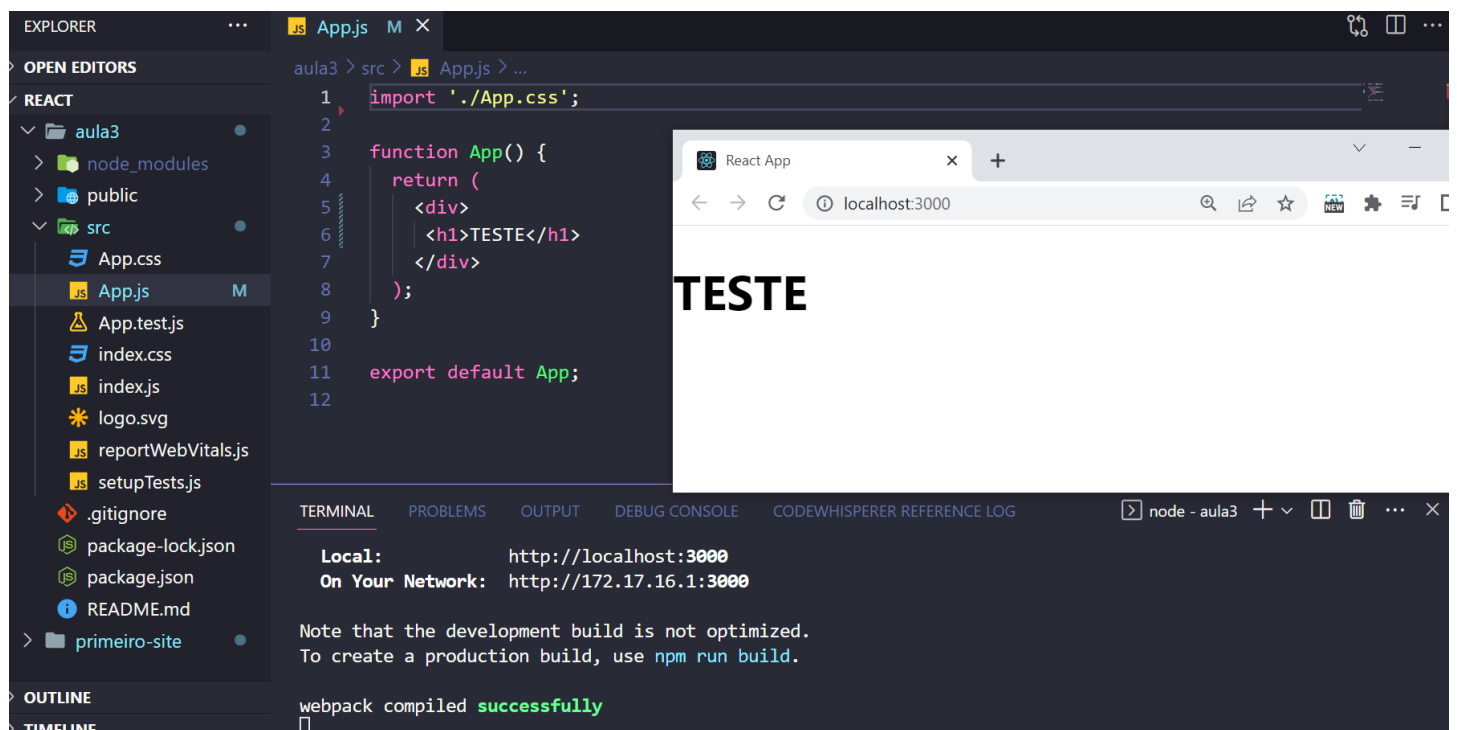
Objetivo da aula:

- Requisições HTTP
- Trabalhando com APIs

## Trabalhando com Requisições HTTP

01 – Crie um novo projeto React, o nome do projeto será aula3. (caso tenha esquecido os passos consulte a aula 1 sobre configuração de ambiente e primeiros passos).

02 – Após criar o novo projeto, vá até o arquivo App.js “limpe” a página padrão react. Após as alterações, ele deverá ter essa aparência:



03 – Para praticar vamos usar a PokeAPI, api que fornece informações sobre pokemons. Acesse o site: <https://pokeapi.co/>

Perceba que no exemplo abaixo, a url base desse API é <https://pokeapi.co/api/v2/> e ao mudar o final podemos obter informações de diferentes pokemons passando seu nome na url dessa API.

**Try it now!**

`https://pokeapi.co/api/v2/`

`pokemon/ditto`

Submit

Need a hint? Try [pokemon/ditto](#), [pokemon-species/aegislash](#), [type/3](#), [ability/battle-armor](#), or [pokemon?limit=100000&offset=0](#).

Direct link to results: <https://pokeapi.co/api/v2/pokemon/ditto>

Resource for ditto

```
▼ abilities: [] 2 items
  ▼ 0: {} 3 keys
    ▼ ability: {} 2 keys
      name: "limber"
      url: "https://pokeapi.co/api/v2/ability/7/"
      is_hidden: false
      slot: 1
  ▼ 1: {} 3 keys
    ▼ ability: {} 2 keys
      name: "imposter"
      url: "https://pokeapi.co/api/v2/ability/150/"
      is_hidden: true
      slot: 3
  base_experience: 101
▼ forms: [] 1 item
  ▼ 0: {} 2 keys
```

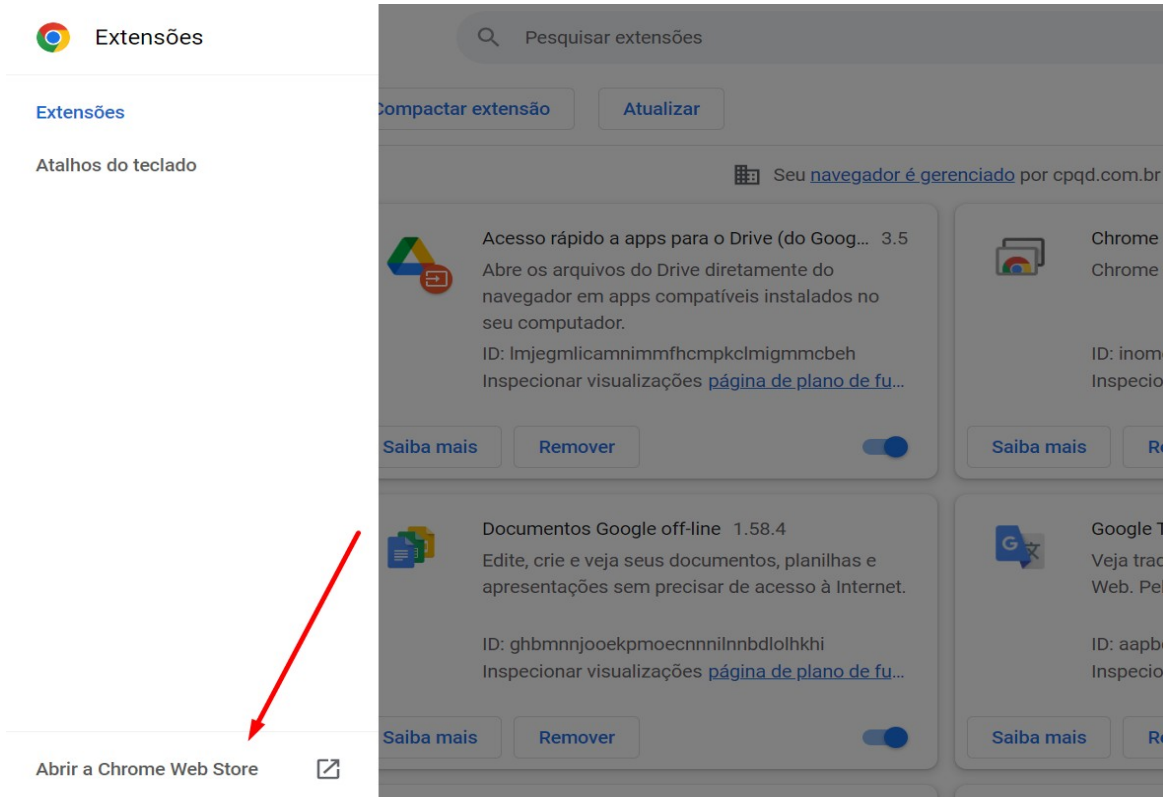
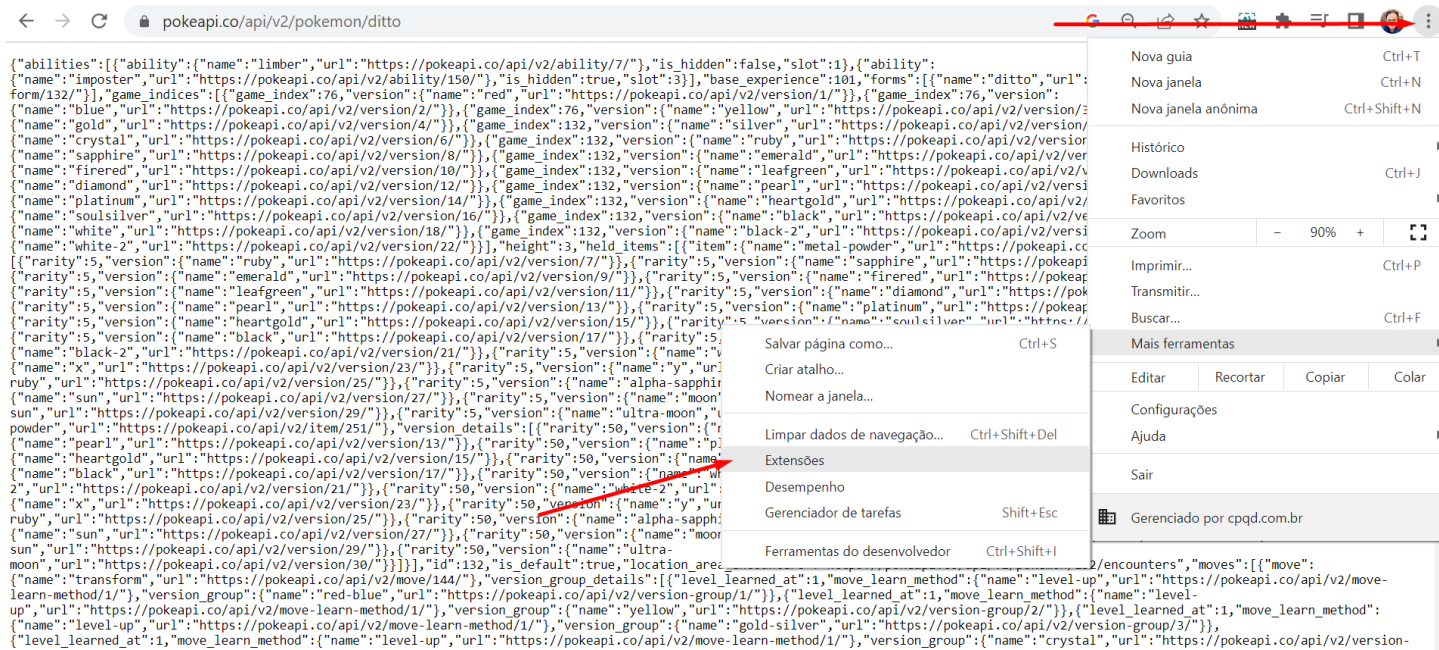
04 – Para entender melhor o que nossa aplicação irá receber quando fizer uma requisição HTTP a essa API, copie essa URL <https://pokeapi.co/api/v2/pokemon/ditto> e cole no seu navegador.



```
{
  "abilities": [
    {
      "ability": {
        "name": "limber",
        "url": "https://pokeapi.co/api/v2/ability/7/"
      },
      "is_hidden": false,
      "slot": 1
    },
    {
      "ability": {
        "name": "imposter",
        "url": "https://pokeapi.co/api/v2/ability/150/"
      },
      "is_hidden": true,
      "slot": 3
    }
  ],
  "base_experience": 101,
  "forms": [
    {
      "name": "ditto",
      "url": "https://pokeapi.co/api/v2/pokemon-form/132/"
    }
  ],
  "game_indices": [
    {
      "game_index": 76,
      "version": {
        "name": "red",
        "url": "https://pokeapi.co/api/v2/version/1/"
      }
    },
    {
      "game_index": 76,
      "version": {
        "name": "blue",
        "url": "https://pokeapi.co/api/v2/version/2/"
      }
    },
    {
      "game_index": 76,
      "version": {
        "name": "yellow",
        "url": "https://pokeapi.co/api/v2/version/3/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "gold",
        "url": "https://pokeapi.co/api/v2/version/4/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "silver",
        "url": "https://pokeapi.co/api/v2/version/5/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "crystal",
        "url": "https://pokeapi.co/api/v2/version/6/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "ruby",
        "url": "https://pokeapi.co/api/v2/version/7/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "sapphire",
        "url": "https://pokeapi.co/api/v2/version/8/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "emerald",
        "url": "https://pokeapi.co/api/v2/version/9/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "firered",
        "url": "https://pokeapi.co/api/v2/version/10/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "leafgreen",
        "url": "https://pokeapi.co/api/v2/version/11/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "diamond",
        "url": "https://pokeapi.co/api/v2/version/12/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "platinum",
        "url": "https://pokeapi.co/api/v2/version/14/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "heartgold",
        "url": "https://pokeapi.co/api/v2/version/15/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "soulsilver",
        "url": "https://pokeapi.co/api/v2/version/16/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "white",
        "url": "https://pokeapi.co/api/v2/version/18/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "black-2",
        "url": "https://pokeapi.co/api/v2/version/21/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "white-2",
        "url": "https://pokeapi.co/api/v2/version/22/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "ruby",
        "url": "https://pokeapi.co/api/v2/version/25/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "sapphire",
        "url": "https://pokeapi.co/api/v2/version/26/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "firered",
        "url": "https://pokeapi.co/api/v2/version/28/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "leafgreen",
        "url": "https://pokeapi.co/api/v2/version/29/"
      }
    },
    {
      "game_index": 132,
      "version": {
        "name": "diamond",
        "url": "https://pokeapi.co/api/v2/version/30/"
      }
    }
  ],
  "height": 3,
  "held_items": [
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "ruby",
          "url": "https://pokeapi.co/api/v2/version/25/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "sapphire",
          "url": "https://pokeapi.co/api/v2/version/26/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "firered",
          "url": "https://pokeapi.co/api/v2/version/28/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "leafgreen",
          "url": "https://pokeapi.co/api/v2/version/29/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "diamond",
          "url": "https://pokeapi.co/api/v2/version/30/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "platinum",
          "url": "https://pokeapi.co/api/v2/version/14/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "soulsilver",
          "url": "https://pokeapi.co/api/v2/version/16/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "white",
          "url": "https://pokeapi.co/api/v2/version/18/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "black-2",
          "url": "https://pokeapi.co/api/v2/version/21/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "white-2",
          "url": "https://pokeapi.co/api/v2/version/22/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "ruby",
          "url": "https://pokeapi.co/api/v2/version/25/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "sapphire",
          "url": "https://pokeapi.co/api/v2/version/26/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "firered",
          "url": "https://pokeapi.co/api/v2/version/28/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "leafgreen",
          "url": "https://pokeapi.co/api/v2/version/29/"
        }
      }
    },
    {
      "item": {
        "name": "metal-powder",
        "url": "https://pokeapi.co/api/v2/item/234/"
      },
      "version_details": {
        "rarity": 5,
        "version": {
          "name": "diamond",
          "url": "https://pokeapi.co/api/v2/version/30/"
        }
      }
    }
  ],
  "location_area_encounters": "https://pokeapi.co/api/v2/pokemon/132/encounters",
  "moves": [
    {
      "move": {
        "name": "transform",
        "url": "https://pokeapi.co/api/v2/move/144/"
      },
      "version_group_details": {
        "level_learned_at": 1,
        "move_learn_method": {
          "name": "level-up",
          "url": "https://pokeapi.co/api/v2/move-learn-method/1/"
        },
        "version_group": {
          "name": "red-blue",
          "url": "https://pokeapi.co/api/v2/version-group/1/"
        }
      }
    },
    {
      "move": {
        "name": "transform",
        "url": "https://pokeapi.co/api/v2/move/144/"
      },
      "version_group_details": {
        "level_learned_at": 1,
        "move_learn_method": {
          "name": "level-up",
          "url": "https://pokeapi.co/api/v2/move-learn-method/1/"
        },
        "version_group": {
          "name": "yellow",
          "url": "https://pokeapi.co/api/v2/version-group/2/"
        }
      }
    },
    {
      "move": {
        "name": "transform",
        "url": "https://pokeapi.co/api/v2/move/144/"
      },
      "version_group_details": {
        "level_learned_at": 1,
        "move_learn_method": {
          "name": "level-up",
          "url": "https://pokeapi.co/api/v2/move-learn-method/1/"
        },
        "version_group": {
          "name": "gold-silver",
          "url": "https://pokeapi.co/api/v2/version-group/3/"
        }
      }
    }
  ]
}
```

Ele retorna um raw json (um json cru), ou seja, várias informações desse pokemon estruturadas dentro de um arquivo JSON, para utilizar essas informações precisamos consumir essa API tratando os dados desse JSON.

05 – Para ajudar a entender esse JSON enorme, você pode utilizar uma extensão chamada JSON Viewer



json viewer

## Extensões

Mais extensões

« Página inicial

Extensões

Temas

Classificações

★★★★★

★★★★★ ou mais

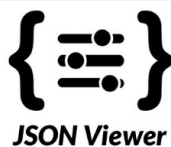
★★★★★ ou mais

★★★★★ ou mais

Política de Privacidade

Termos de Serviço **Updated**

Sobre a Chrome Web Store



### JSON Viewer

Em destaque

The most beautiful and customizable JSON/JSONP highlighter that your eyes have ever see

★★★★★ 1.001 Ferramentas para desenvolvedores

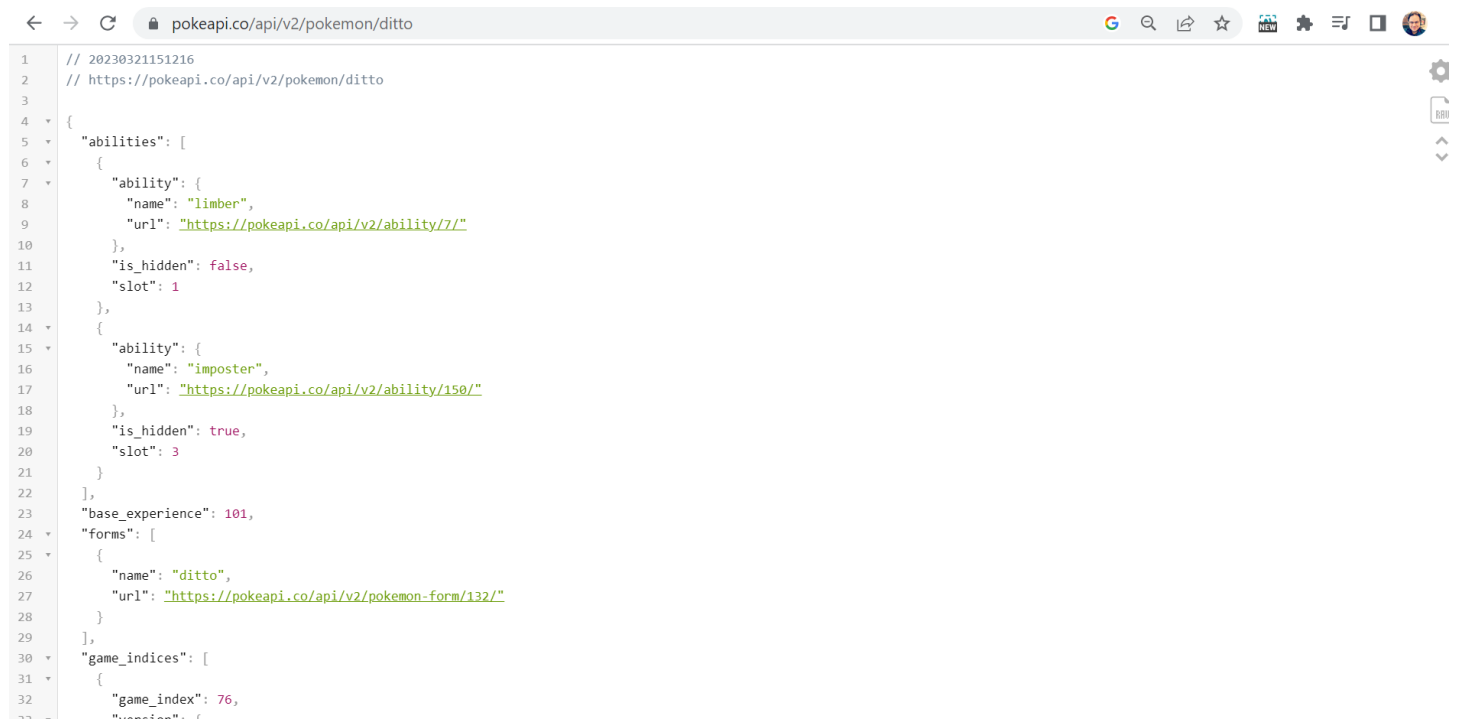


### JSON Viewer

Port of Firefox's JSON Viewer

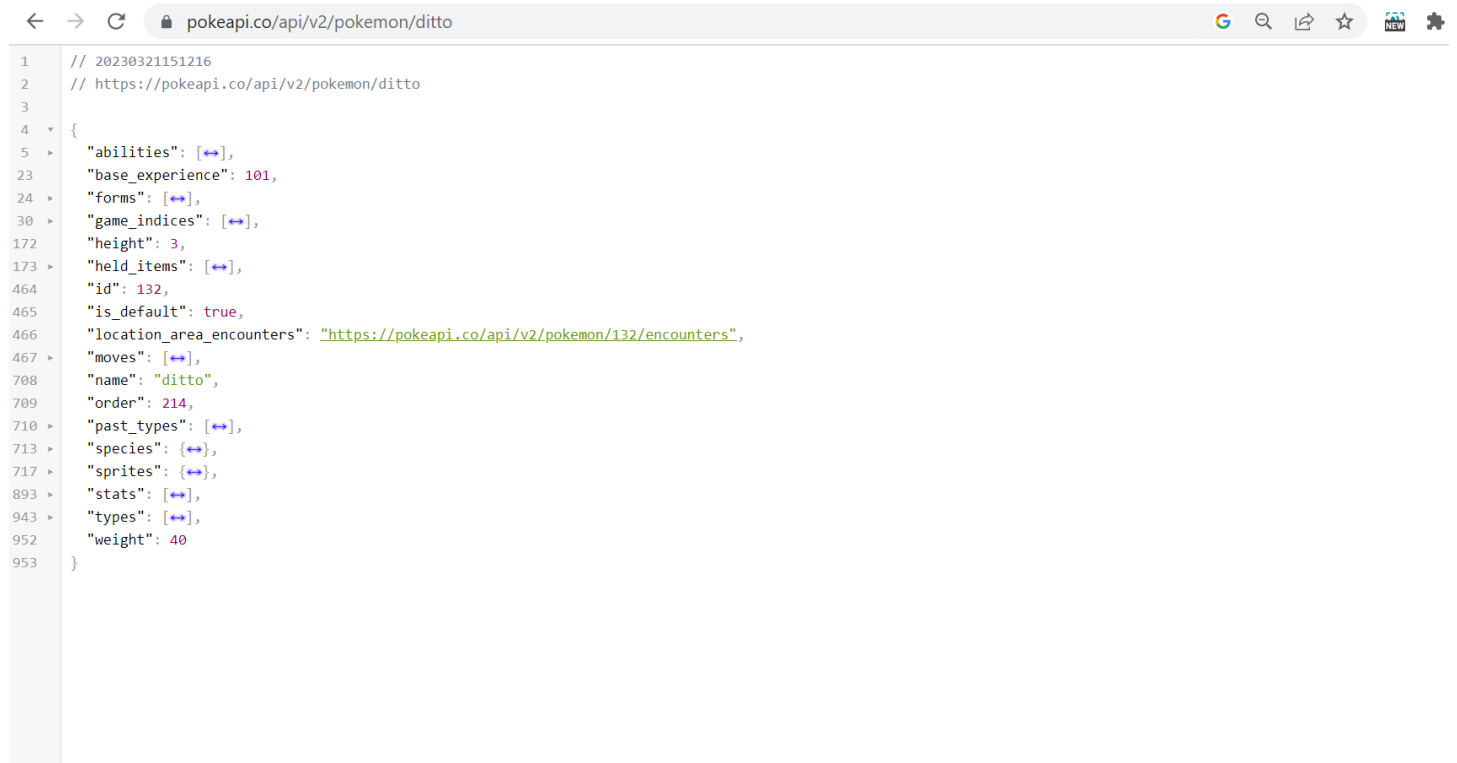
★★★★★ 32 Ferramentas para desenvolvedores

06 — Atualize a página que estava aberta <https://pokeapi.co/api/v2/pokemon/ditto> e veja como facilita bastante o entendimento do JSON



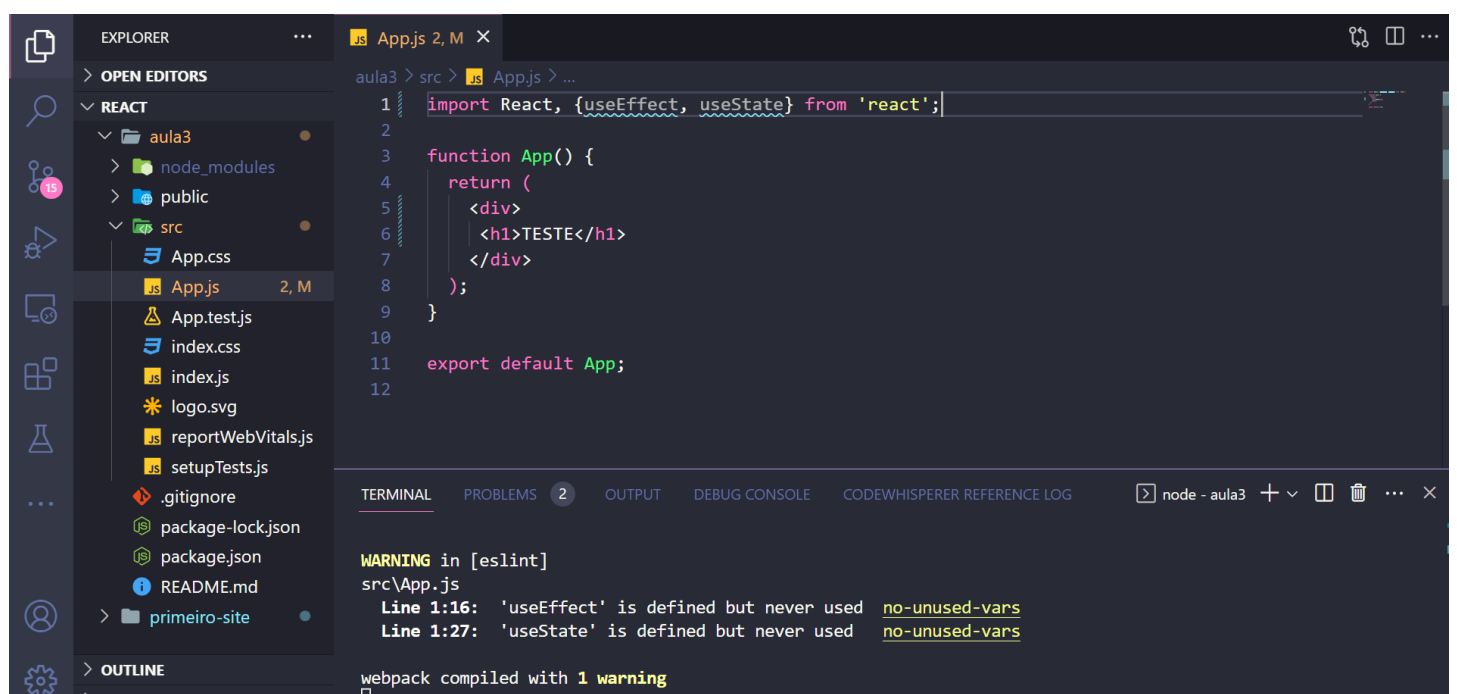
```
1 // 20230321151216
2 // https://pokeapi.co/api/v2/pokemon/ditto
3
4 {
5   "abilities": [
6     {
7       "ability": {
8         "name": "limber",
9         "url": "https://pokeapi.co/api/v2/ability/7/"
10      },
11      "is_hidden": false,
12      "slot": 1
13    },
14    {
15      "ability": {
16        "name": "imposter",
17        "url": "https://pokeapi.co/api/v2/ability/150/"
18      },
19      "is_hidden": true,
20      "slot": 3
21    }
22  ],
23   "base_experience": 101,
24   "forms": [
25     {
26       "name": "ditto",
27       "url": "https://pokeapi.co/api/v2/pokemon-form/132/"
28     }
29   ],
30   "game_indices": [
31     {
32       "game_index": 76,
```

07 – Utilizando as setas laterais veja que agora você consegue visualizar melhor a estrutura dessa API. Podemos ver que a essa estrutura é um Array de elementos, sendo 18 elementos nessa lista. Exatamente como trabalhamos com listas na última aula.



```
1 // 20230321151216
2 // https://pokeapi.co/api/v2/pokemon/ditto
3
4 {
5   "abilities": [{}],
23  "base_experience": 101,
24  "forms": [{}],
30  "game_indices": [{}],
172  "height": 3,
173  "held_items": [{}],
464  "id": 132,
465  "is_default": true,
466  "location_area_encounters": "https://pokeapi.co/api/v2/pokemon/132/encounters",
467  "moves": [{}],
708  "name": "ditto",
709  "order": 214,
710  "past_types": [{}],
713  "species": {},
717  "sprites": {},
893  "stats": [{}],
943  "types": [{}],
952  "weight": 40
953 }
```

08 – Agora queremos que toda vez que nossa aplicação renderize no navegador, automaticamente, nossa aplicação deve exibir as informações da API na aplicação. Importe os Hooks useEffect e useState:



```
1 import React, {useEffect, useState} from 'react';
2
3 function App() {
4   return (
5     <div>
6       <h1>TESTE</h1>
7     </div>
8   );
9 }
10
11 export default App;
12
```

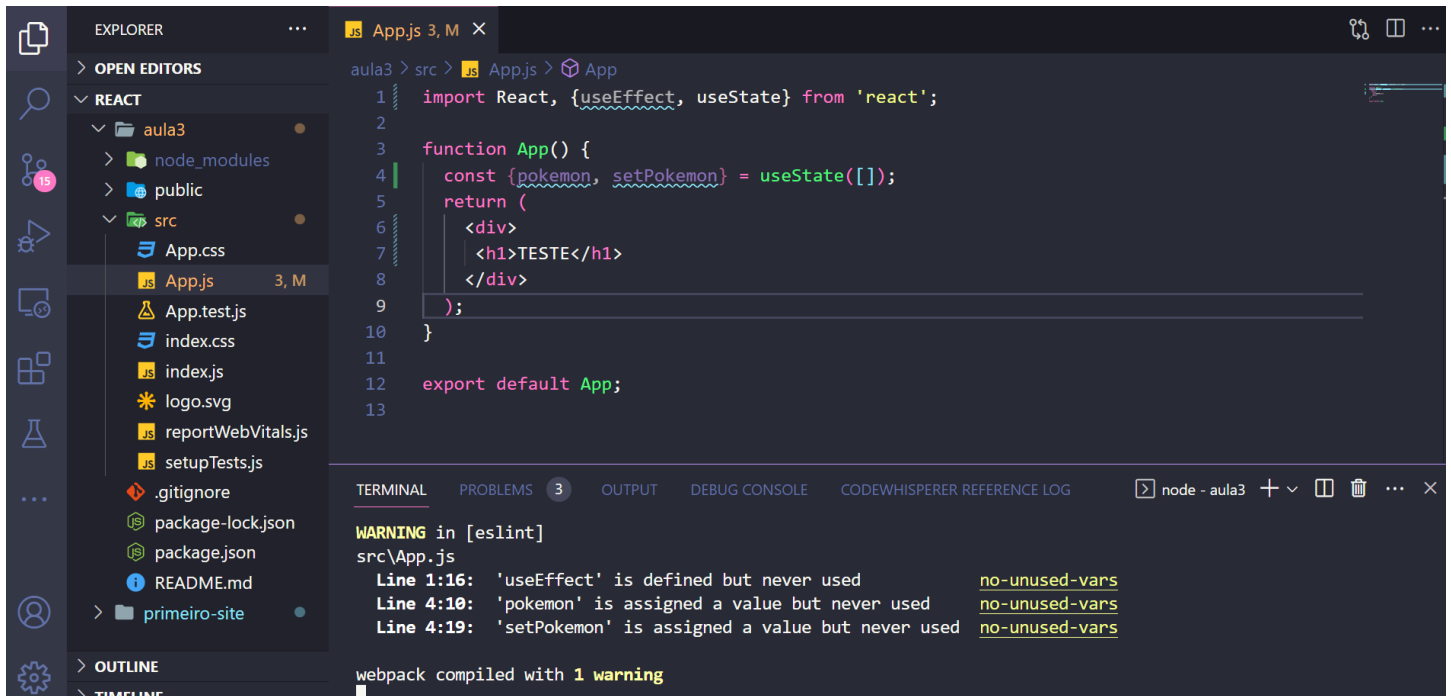
WARNING in [eslint]  
src\App.js  
Line 1:16: 'useEffect' is defined but never used no-unused-vars  
Line 1:27: 'useState' is defined but never used no-unused-vars

webpack compiled with 1 warning



09 – Dentro da function APP, criei uma useState chamada pokemon e setPokemon, iniciando essa useState com um array vazio ([]).

Correção: utilize `const [pokemon, setPokemon] = useState([]);` na imagem abaixo está errado



The screenshot shows a Visual Studio Code editor with a React application. The Explorer panel on the left shows the project structure, including a 'src' folder with files like 'App.js', 'App.test.js', 'index.css', 'index.js', 'logo.svg', 'reportWebVitals.js', and 'setupTests.js'. The main editor window displays the code for 'App.js'.

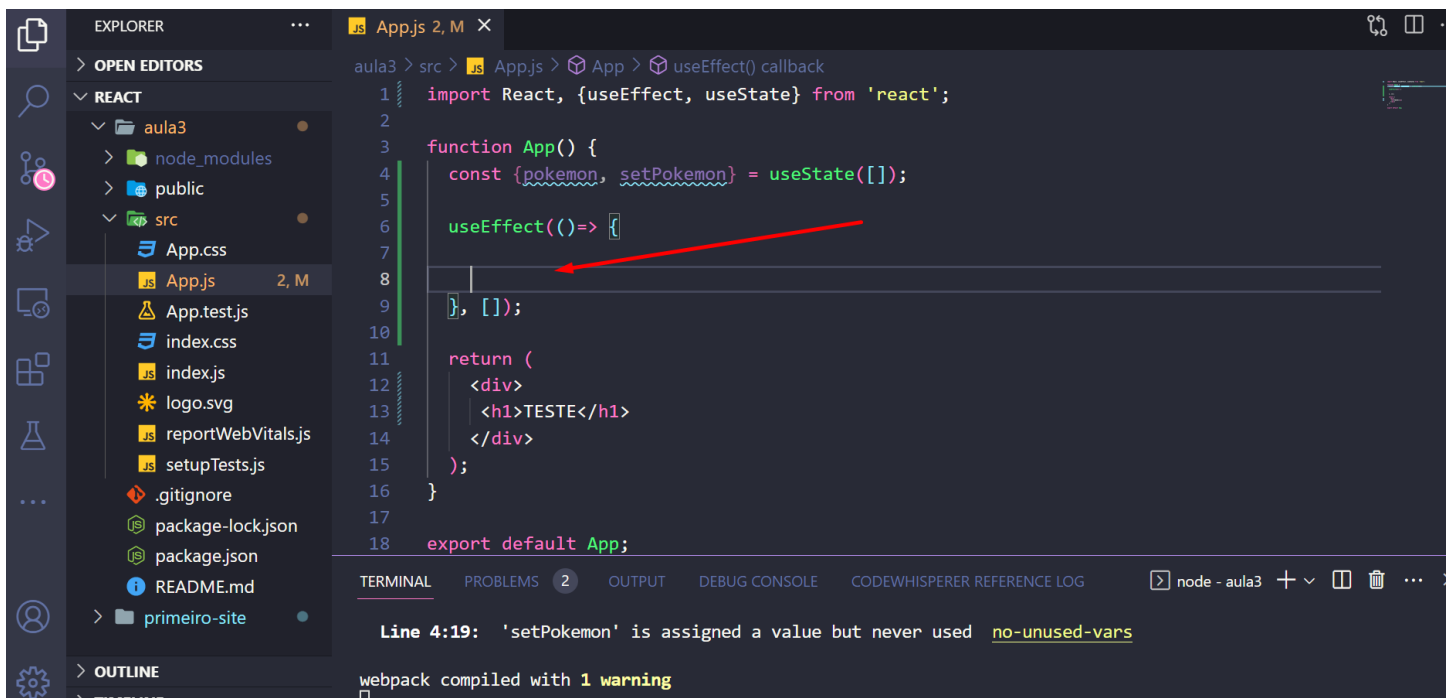
```
1 import React, {useEffect, useState} from 'react';
2
3 function App() {
4   const {pokemon, setPokemon} = useState([]);
5   return (
6     <div>
7       <h1>TESTE</h1>
8     </div>
9   );
10 }
11
12 export default App;
13
```

The bottom panel shows the 'TERMINAL' tab with ESLint warnings:

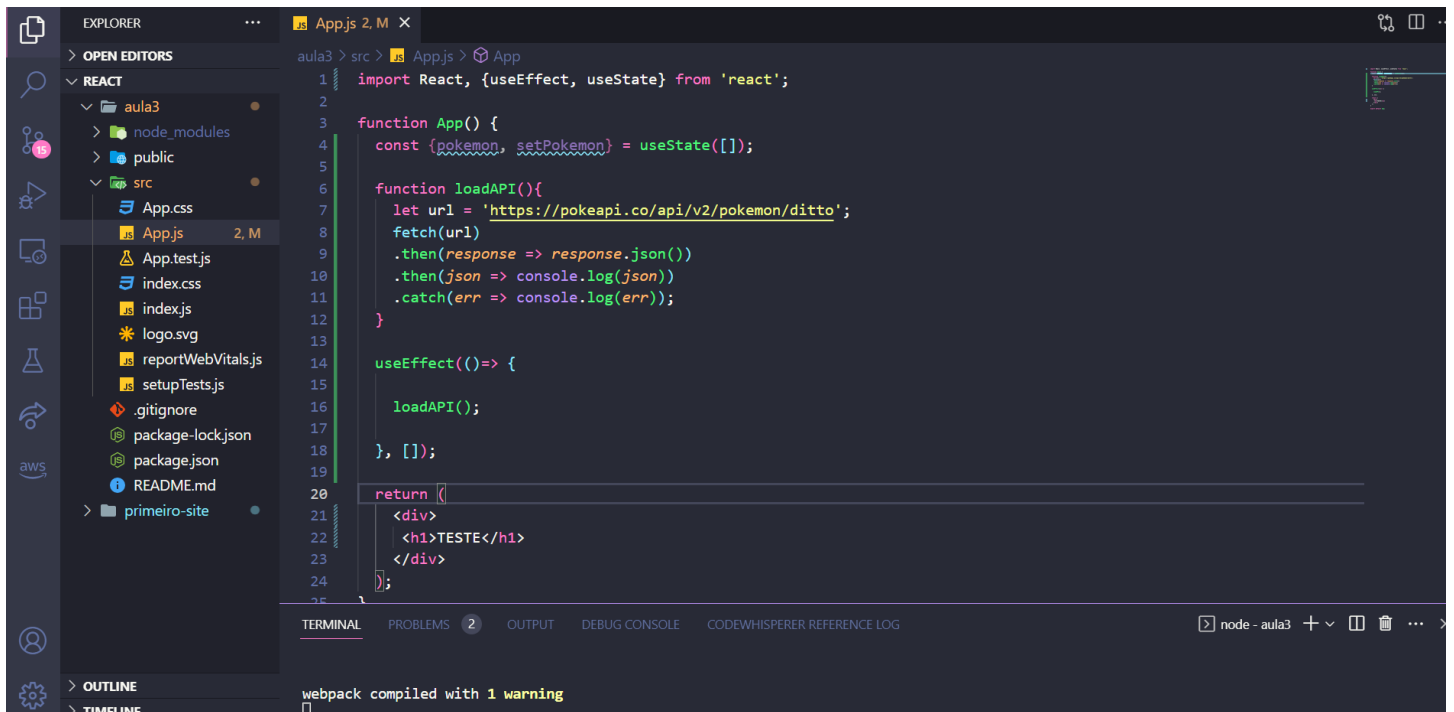
```
WARNING in [eslint]
src\App.js
  Line 1:16: 'useEffect' is defined but never used      no-unused-vars
  Line 4:10: 'pokemon' is assigned a value but never used      no-unused-vars
  Line 4:19: 'setPokemon' is assigned a value but never used    no-unused-vars
```

Below the warnings, it says 'webpack compiled with 1 warning'.

10 – Crie também um novo useEffect pois queremos que ao renderizar a página automaticamente a aplicação deverá fazer uma requisição HTTP e “puxar” os dados da API do pokemon.



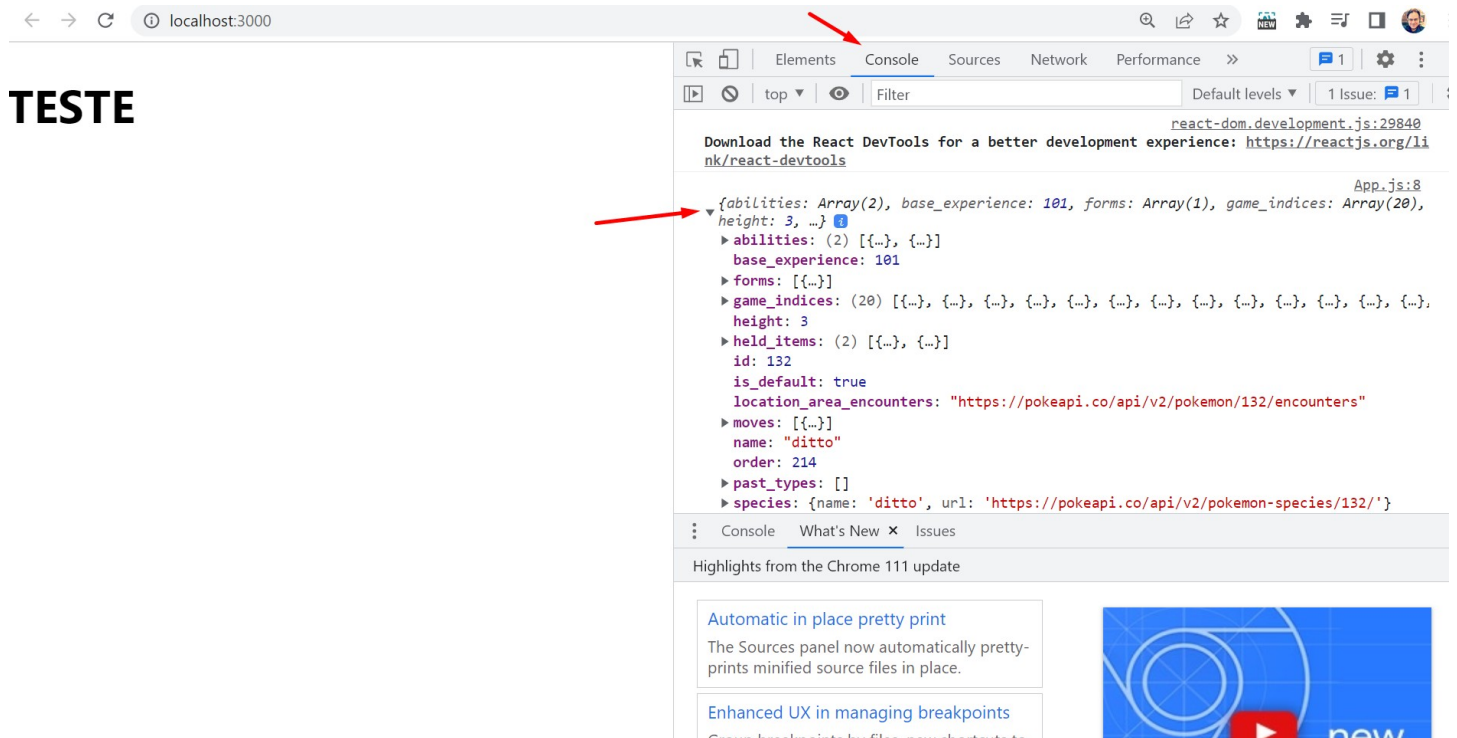
11 – Fora do `useEffect`, criei uma function chamada `loadAPI`, dentro dela crie uma variável (let) chamada `url` e coloque a URL do pokemon para testarmos. Para de fato fazer a requisição HTTP usamos aqui o `fetch`, dentro do `feact` vamos receber todo aquele json que vimos anteriormente dentro do parâmetro `'response'`. Chame a function `'loadAPI()'` dentro do `useEffect`, como abaixo demonstrado:



```
1 import React, {useEffect, useState} from 'react';
2
3 function App() {
4   const {pokemon, setPokemon} = useState([]);
5
6   function loadAPI(){
7     let url = 'https://pokeapi.co/api/v2/pokemon/ditto';
8     fetch(url)
9       .then(response => response.json())
10      .then(json => console.log(json))
11      .catch(err => console.log(err));
12   }
13
14   useEffect(() => {
15     loadAPI();
16   }, []);
17
18   return (
19     <div>
20       <h1>TESTE</h1>
21     </div>
22   );
23 }
```

webpack compiled with 1 warning

12 – O `console.log(json)` permite enviar todo o JSON para o console, assim podemos ter certeza de estar recebendo corretamente as informações que queremos do pokemon. Vá até o navegador, entre no console e veja os arrays de dados.



13 – Agora como vamos pegar essas informações do JSON e utilizar na aplicação? Para isso temos o useState 'setPokemon'. Então invés de enviar o JSON apenas para o console, vamos também enviar para o useState pokemon através do setPokemon, como abaixo demonstrado:

The screenshot shows a VS Code editor with a React application. The Explorer panel on the left shows the project structure with files like App.css, App.js, App.test.js, index.css, index.js, logo.svg, reportWebVitals.js, setupTests.js, .gitignore, package-lock.json, package.json, and README.md. The main editor shows the App.js file with the following code:

```
1 import React, {useEffect, useState} from 'react';
2
3 function App() {
4   const {pokemon, setPokemon} = useState([]);
5
6   function loadAPI(){
7     let url = 'https://pokeapi.co/api/v2/pokemon/ditto';
8     fetch(url)
9       .then(response => response.json())
10      .then(json => {
11        console.log(json)
12        setPokemon(json)
13      })
14      .catch(err => console.log(err));
15    }
16
17    useEffect(()=> {
18      loadAPI();
19    }, []);
20
21    return (
22      <div>
23        <h1>TESTE</h1>
24      </div>
25    );
26  }
27  export default App;
```

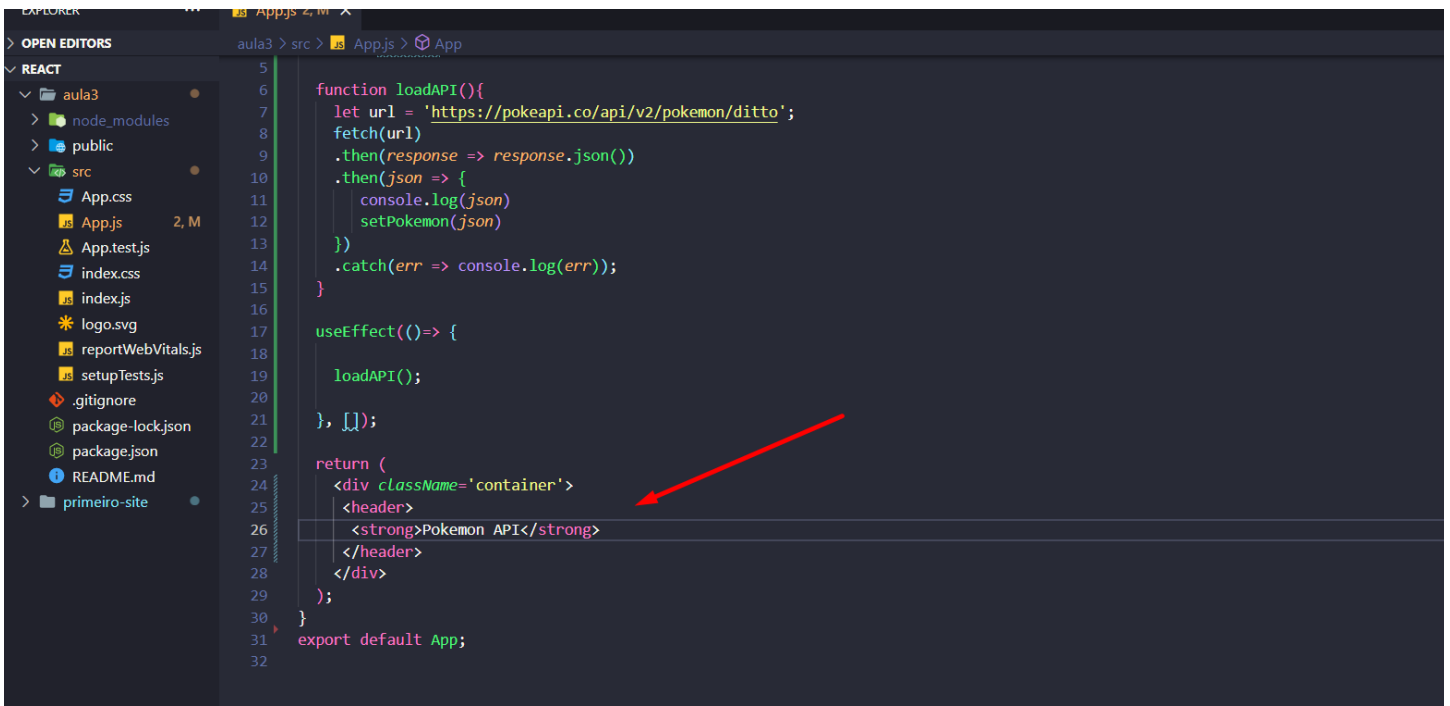
A red arrow points to the `console.log(json)` statement on line 11. The terminal at the bottom shows the following warnings:

```
Line 4:10: 'pokemon' is assigned a value but never used no-unused-vars
Line 21:6: React Hook useEffect has a missing dependency: 'loadAPI'. Either include it or remove the dependency array react-hooks/exhaustive-deps
```

The terminal also shows the message: `webpack compiled with 1 warning`.

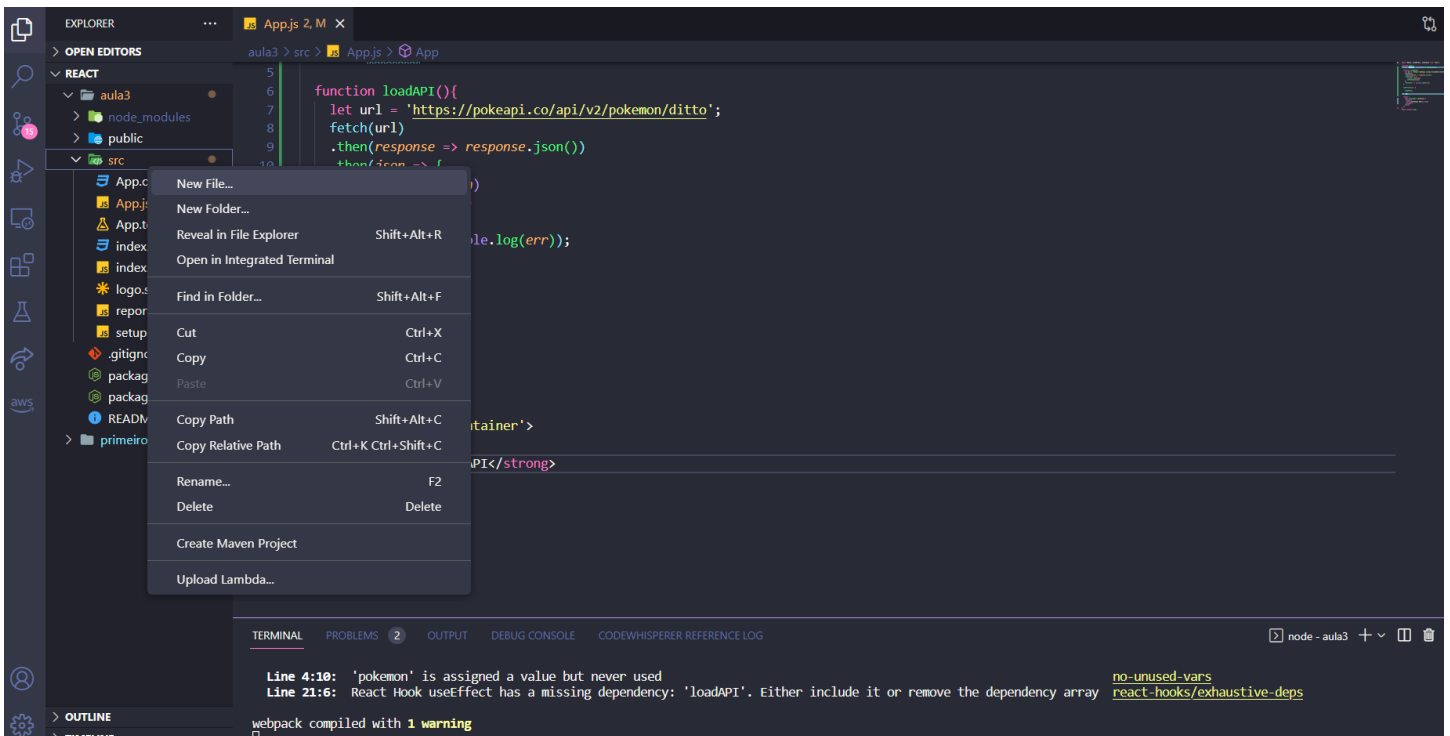
14 -

14 – Vamos agora preparar nossa aplicação para mostrar as informações dos pokemon. Vamos criar um header



```
5
6 function loadAPI(){
7   let url = 'https://pokeapi.co/api/v2/pokemon/ditto';
8   fetch(url)
9     .then(response => response.json())
10    .then(json => {
11      console.log(json)
12      setPokemon(json)
13    })
14    .catch(err => console.log(err));
15  }
16
17  useEffect(() => {
18    loadAPI();
19  }, []);
20
21  return (
22    <div className='container'>
23      <header>
24        <strong>Pokemon API</strong>
25      </header>
26    </div>
27  );
28
29 }
30
31 export default App;
32
```

15 – Vamos deixar esse header mais estilizado, crie um novo arquivo dentro da pasta SRC chamado ‘style.css’



```
5
6 function loadAPI(){
7   let url = 'https://pokeapi.co/api/v2/pokemon/ditto';
8   fetch(url)
9     .then(response => response.json())
10    .then(json => {
11      console.log(json)
12      setPokemon(json)
13    })
14    .catch(err => console.log(err));
15  }
16
17  useEffect(() => {
18    loadAPI();
19  }, []);
20
21  return (
22    <div className='container'>
23      <header>
24        <strong>Pokemon API</strong>
25      </header>
26    </div>
27  );
28
29 }
30
31 export default App;
32
```

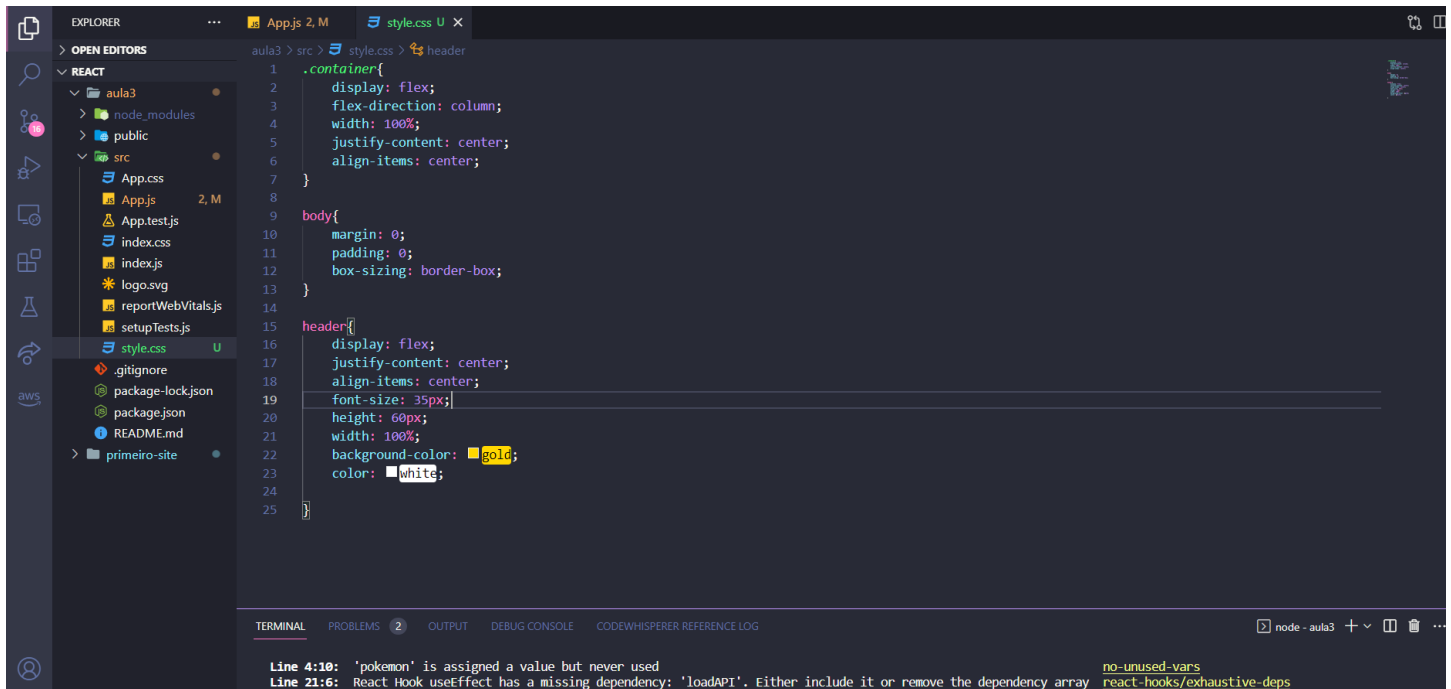
Line 4:10: 'pokemon' is assigned a value but never used  
Line 21:6: React Hook useEffect has a missing dependency: 'loadAPI'. Either include it or remove the dependency array

no-unused-vars  
react-hooks/exhaustive-deps

webpack compiled with 1 warning

node - aula3

16 – Vamos configurar o comportamento do css para o header, body e a nova className chamada container.



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying the project structure. The main editor window shows the `style.css` file with the following CSS rules:

```
1 .container{
2   display: flex;
3   flex-direction: column;
4   width: 100%;
5   justify-content: center;
6   align-items: center;
7 }
8
9 body{
10   margin: 0;
11   padding: 0;
12   box-sizing: border-box;
13 }
14
15 header{
16   display: flex;
17   justify-content: center;
18   align-items: center;
19   font-size: 35px;
20   height: 60px;
21   width: 100%;
22   background-color: gold;
23   color: white;
24 }
25 }
```

The bottom of the image shows the TERMINAL panel with two error messages:

```
Line 4:10: 'pokemon' is assigned a value but never used no-unused-vars
Line 21:6: React Hook useEffect has a missing dependency: 'loadAPI'. Either include it or remove the dependency array react-hooks/exhaustive-deps
```

17 – Importe o arquivo style.css no arquivo App.js

```
1 import React, {useEffect, useState} from 'react';
2 import './style.css'
3
4 function App() {
5   const [pokemon, setPokemon] = useState([]);
6
7   function loadAPI(){
8     let url = 'https://pokeapi.co/api/v2/pokemon/ditto';
9     fetch(url)
10      .then(response => response.json())
11      .then(json => {
12        console.log(json)
13        setPokemon(json)
14      })
15      .catch(err => console.log(err));
16   }
17
18   useEffect(() => {
19     loadAPI();
20   }, []);
21
22   return (
23     <div className="container">
24       <header>
25         <strong>Pokemon API</strong>
26       </header>
27     </div>
28   );
29 }
30
31 export default App;
```

Line 5:10: 'pokemon' is assigned a value but never used [no-unused-vars](#)  
Line 22:6: React Hook useEffect has a missing dependency: 'loadAPI'. Either include it or remove the dependency array [react-hooks/exhaustive-deps](#)

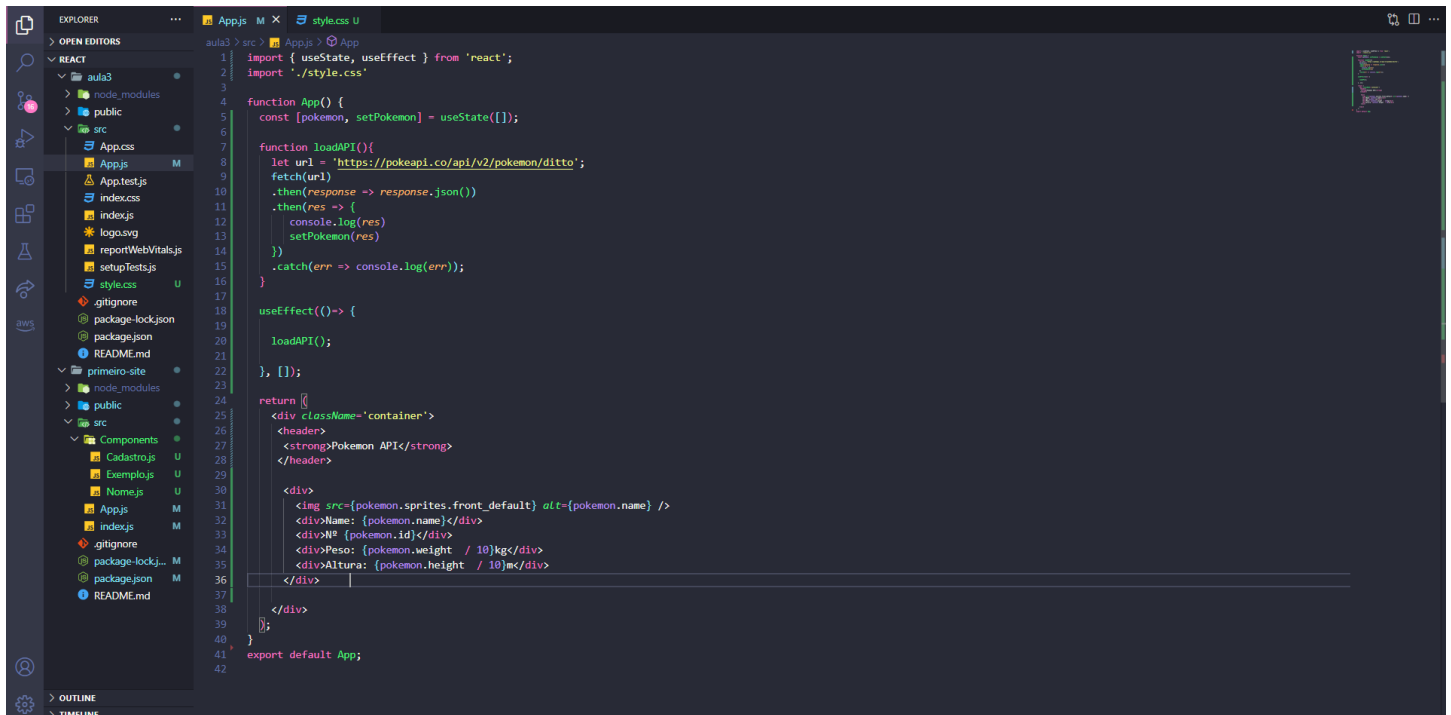
webpack compiled with 1 warning

18 – Sua aplicação deve estar com a seguinte aparência:



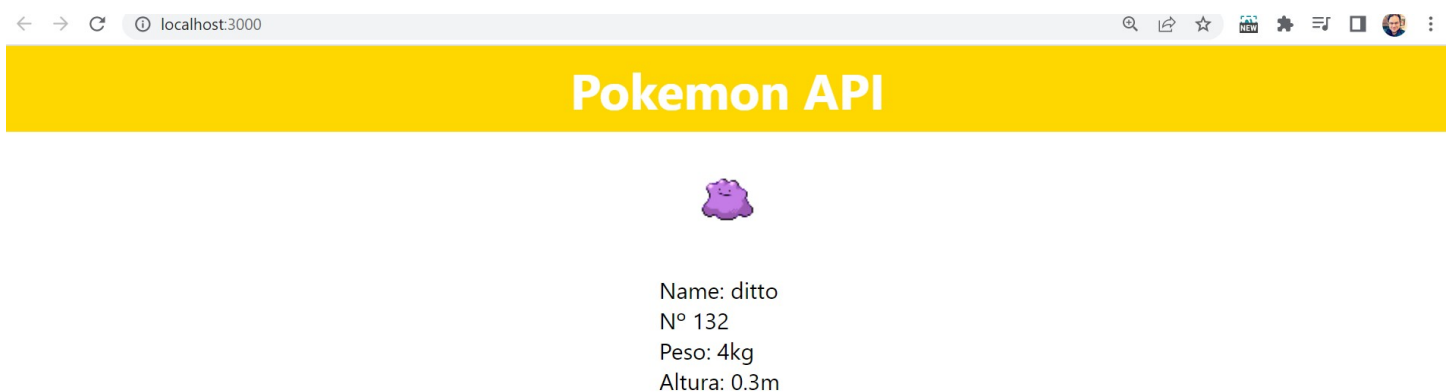


19 – (código final) Agora vamos mostrar algumas informações do nosso pokemon, criei algumas DIV com Nome, N<sup>o</sup>, Peso e etc como mostrado abaixo:



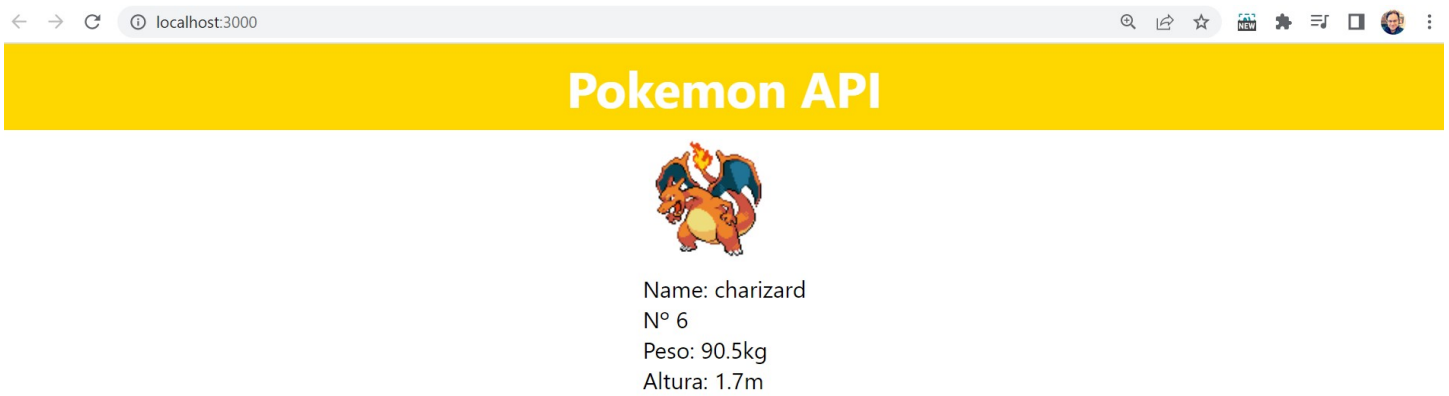
```
1 import { useState, useEffect } from 'react';
2 import './style.css'
3
4 function App() {
5   const [pokemon, setPokemon] = useState([]);
6
7   function loadAPI(){
8     let url = 'https://pokeapi.co/api/v2/pokemon/ditto';
9     fetch(url)
10      .then(response => response.json())
11      .then(res => {
12        console.log(res)
13        setPokemon(res)
14      })
15      .catch(err => console.log(err));
16   }
17
18   useEffect(() => {
19     loadAPI();
20   }, []);
21
22   return (
23     <div className='container'>
24       <header>
25         <strong>Pokemon API</strong>
26       </header>
27
28       <div>
29         <img src={pokemon.sprites.front_default} alt={pokemon.name} />
30         <div>Name: {pokemon.name}</div>
31         <div>Nº {pokemon.id}</div>
32         <div>Peso: {pokemon.weight / 10}kg</div>
33         <div>Altura: {pokemon.height / 10}m</div>
34       </div>
35     </div>
36   );
37 }
38
39 export default App;
```

20 – Sua aplicação deverá ter essa aparência:



21 – Mude o nome do pokemon na url e veja se a aplicação funciona como esperado.

Exemplo: let url = 'https://pokeapi.co/api/v2/pokemon/charizard';



## Exercício

### 01 – Vamos desenvolver uma **Pokedex**?

Crie um form onde o usuário deverá passar o nome do pokemon e a aplicação deverá mostrar diversas informações desse pokemon procurado

