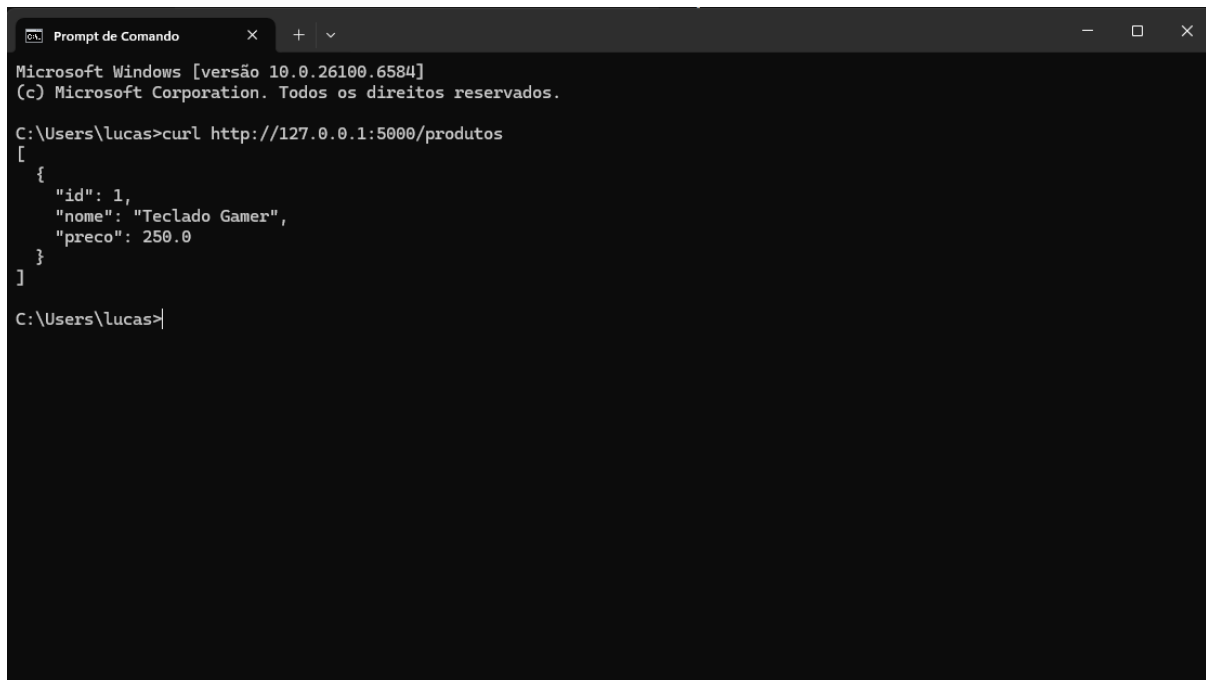


## LISTA DOS PRODUTOS CADASTRADOS



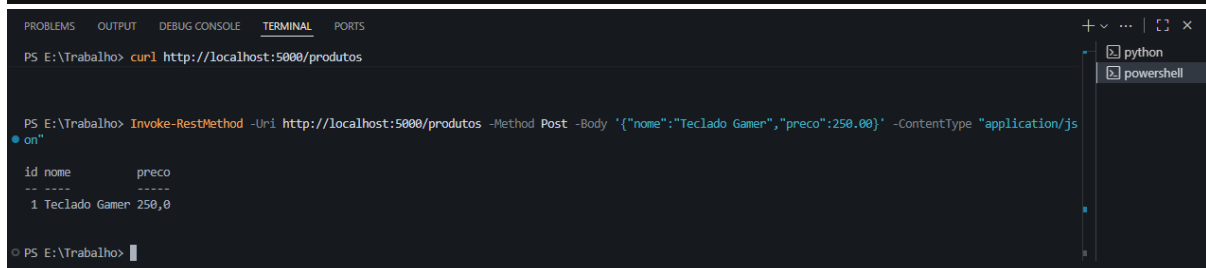
The top part of the image shows a Windows Command Prompt window titled "Prompt de Comando". It displays the output of a curl command executed in the C:\Users\lucas directory. The command is `curl http://127.0.0.1:5000/produtos`, and the output is a JSON array containing one object with the following fields: `id` (1), `nome` ("Teclado Gamer"), and `preco` (250.0).

```
Microsoft Windows [versão 10.0.26100.6584]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\lucas>curl http://127.0.0.1:5000/produtos
[
  {
    "id": 1,
    "nome": "Teclado Gamer",
    "preco": 250.0
  }
]
```

The middle part of the image shows a web browser window with the address bar set to `localhost:5000/produtos`. The page content displays the same JSON array as the command prompt output.

```
[
  {
    "id": 1,
    "nome": "Teclado Gamer",
    "preco": 250.0
  }
]
```



The bottom part of the image shows a Visual Studio Code terminal window. The terminal has tabs for "PROBLEMS", "OUTPUT", "DEBUG CONSOLE", "TERMINAL", and "PORTS". The "TERMINAL" tab is active, showing the command `curl http://localhost:5000/produtos` and its output. Below the output, there is a table representation of the data.

```
PS E:\Trabalho> curl http://localhost:5000/produtos

PS E:\Trabalho> Invoke-RestMethod -Uri http://localhost:5000/produtos -Method Post -Body '{"nome":"Teclado Gamer","preco":250.00}' -ContentType "application/js
on"

id nome      preco
-- --
1 Teclado Gamer 250,0
```

On the right side of the terminal window, there is a sidebar with tabs for "python" and "powershell".

## INSERIR NOVO PRODUTO

```
C:\Users\lucas>curl -X POST http://127.0.0.1:5000/produtos -H "Content-Type: application/json" -d '{"nome":"Notebook",
{"id": 2,
"nome": "Notebook",
"preco": 3500.0
}

PS E:\Trabalho> Invoke-RestMethod -Uri http://localhost:5000/produtos -Method Post -Body '{"nome":"Teclado Gamer","preco":250.00}' -ContentType "application/js
on"

PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos -Method POST -ContentType "application/json" -Body '{"nome":"Microfone","preco":3500.00}'

id nome      preco
--
3 Microfone 3500,0

PS E:\Trabalho>
```

## ATUALIZAR PREÇO DO PRODUTO

```
C:\Users\lucas>curl -X PUT http://127.0.0.1:5000/produtos/1 -H "Content-Type: application/json" -d '{"nome":"Teclado
Gamer","preco":4000.00}'
{"id": 1,
"nome": "Teclado Gamer",
"preco": 4000.0
}

C:\Users\lucas>

PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos/1 -Method PUT -ContentType "application/json" -Body '{"nome":"Teclado Gamer","preco":4000
.00}'
>>

PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos/1 -Method PUT -ContentType "application/json" -Body '{"nome":"Teclado Gamer","preco":4050
.00}'
>>

id nome      preco
--
1 Teclado Gamer 4050,0

PS E:\Trabalho>
```

## DELETANDO PRODUTOS

```
C:\Users\lucas>curl -X DELETE http://127.0.0.1:5000/produtos/2
{
  "mensagem": "Produto exclu\u00eddo com sucesso"
}

C:\Users\lucas>

PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos/1 -Method PUT -ContentType "application/json" -Body '{"nome":"Teclado Gamer","preco":4050
.00}'
>>

PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos/1 -Method DELETE

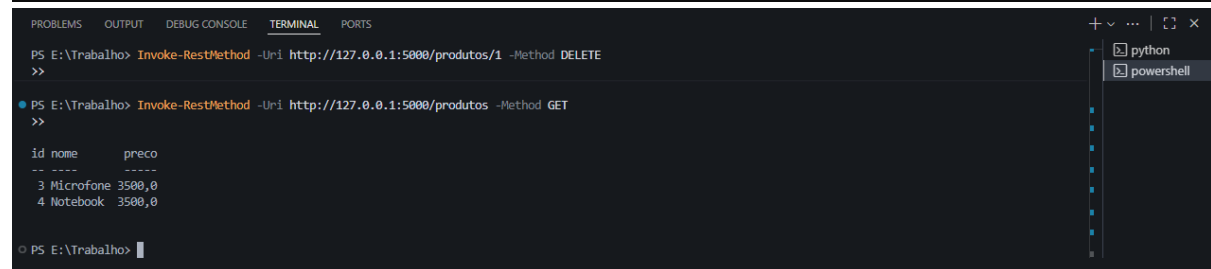
mensagem
-----
Produto excluído com sucesso

PS E:\Trabalho>
```

## LISTA FINAL DOS PRODUTOS

```
C:\Users\lucas>curl http://127.0.0.1:5000/produtos
[
  {
    "id": 3,
    "nome": "Microfone",
    "preco": 3500.0
  },
  {
    "id": 4,
    "nome": "Notebook",
    "preco": 3500.0
  }
]

C:\Users\lucas>
```



The screenshot shows a VS Code terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos/1 -Method DELETE
>>

PS E:\Trabalho> Invoke-RestMethod -Uri http://127.0.0.1:5000/produtos -Method GET
>>

id nome      preco
--
3 Microfone 3500,0
4 Notebook  3500,0

PS E:\Trabalho>
```

On the right side of the terminal, there is a sidebar with tabs for 'python' and 'powershell'.

## DESAFIO