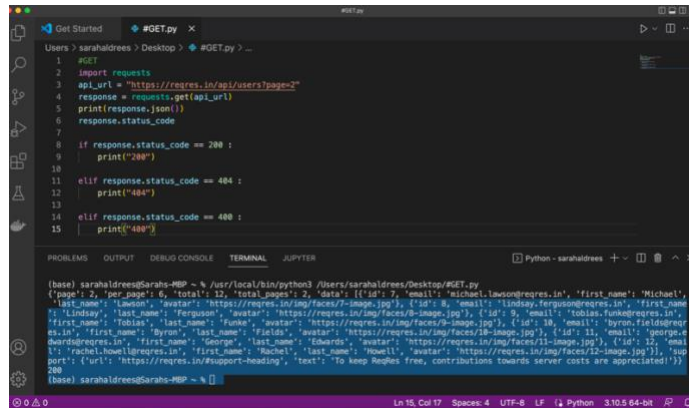


Name: Sarah Aldrees

ID: 201363

GITHUB Link: <https://github.com/SarahAldrees1/REST>

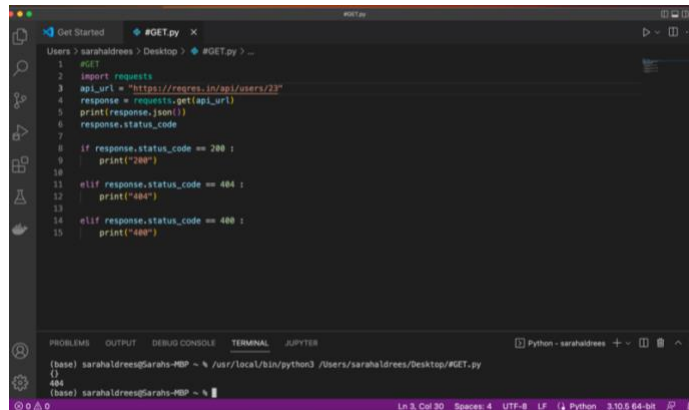
GET 200:



```
1 #GET
2 import requests
3 api_url = "https://reqres.in/api/users?page=2"
4 response = requests.get(api_url)
5 print(response.json())
6 response.status_code
7
8 if response.status_code == 200 :
9     print("200")
10
11 elif response.status_code == 404 :
12     print("404")
13
14 elif response.status_code == 400 :
15     print("400")
```

```
(base) sarahaldrees@SaraH-MBP ~ % /usr/local/bin/python3 /Users/sarahaldrees/Desktop/#GET.py
{"page": 2, "per_page": 6, "total": 12, "total_pages": 2, "data": [{"id": 7, "email": "Michael.Lawson@reqres.in", "first_name": "Michael", "last_name": "Lawson", "avatar": "https://reqres.in/img/faces/7-image.jpg"}, {"id": 8, "email": "Lindsay.Ferguson@reqres.in", "first_name": "Lindsay", "last_name": "Ferguson", "avatar": "https://reqres.in/img/faces/8-image.jpg"}, {"id": 9, "email": "Tobias.Funk@reqres.in", "first_name": "Tobias", "last_name": "Funk", "avatar": "https://reqres.in/img/faces/9-image.jpg"}, {"id": 10, "email": "Byron.Fielding@reqres.in", "first_name": "Byron", "last_name": "Fielding", "avatar": "https://reqres.in/img/faces/10-image.jpg"}, {"id": 11, "email": "George.Edwards@reqres.in", "first_name": "George", "last_name": "Edwards", "avatar": "https://reqres.in/img/faces/11-image.jpg"}, {"id": 12, "email": "Rachel.Howell@reqres.in", "first_name": "Rachel", "last_name": "Howell", "avatar": "https://reqres.in/img/faces/12-image.jpg"}], "support": {"url": "https://reqres.in/#support-heading", "text": "To keep ReqRes free, contributions towards server costs are appreciated!"}}
```

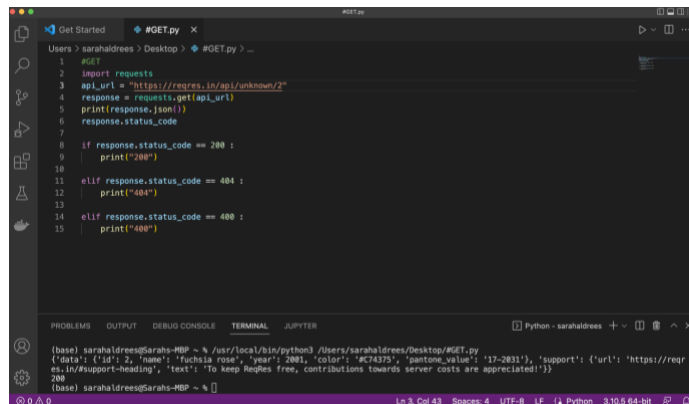
GET 404:



```
1 #GET
2 import requests
3 api_url = "https://reqres.in/api/users/23"
4 response = requests.get(api_url)
5 print(response.json())
6 response.status_code
7
8 if response.status_code == 200 :
9     print("200")
10
11 elif response.status_code == 404 :
12     print("404")
13
14 elif response.status_code == 400 :
15     print("400")
```

```
(base) sarahaldrees@SaraH-MBP ~ % /usr/local/bin/python3 /Users/sarahaldrees/Desktop/#GET.py
{}
404
(base) sarahaldrees@SaraH-MBP ~ %
```

GET 200:



```
1 #GET
2 import requests
3 api_url = "https://reqres.in/api/unknown/2"
4 response = requests.get(api_url)
5 print(response.json())
6 response.status_code
7
8 if response.status_code == 200 :
9     print("200")
10
11 elif response.status_code == 404 :
12     print("404")
13
14 elif response.status_code == 400 :
15     print("400")
```

```
(base) sarahaldrees@SaraH-MBP ~ % /usr/local/bin/python3 /Users/sarahaldrees/Desktop/#GET.py
{"data": {"id": 2, "name": "Fuchsia rose", "year": 2003, "color": "#C74375", "pantone_value": "17-2031", "support": {"url": "https://reqres.in/#support-heading", "text": "To keep ReqRes free, contributions towards server costs are appreciated!"}}, "support": {"url": "https://reqres.in/#support-heading", "text": "To keep ReqRes free, contributions towards server costs are appreciated!"}}
```

ID: 201363

```

1 Users > sarahadrees> Desktop > #GET.py ~
2 11 # elif response.status_code == 201 :
3 12     print("201")
4 13
5 14 # elif response.status_code == 400 :
6 15     print("400")
7 16
8 17 #POST
9 18 import requests
10 19 api_url = "https://regres.in/api/register"
11 20 data = {
12 21     "email": "eve.holt@regres.in",
13 22     "password": "pistol"
14 23 }
15 24
16 25 response = requests.post(api_url, json=data)
17 26 print(response.json())
18 27 response.status_code
19 28
20 29 if response.status_code == 201 :
21 30     print("201")
22 31
23 32 elif response.status_code == 200 :
24 33     print("200")
25 34
26 35 #end of script

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER Python - sarahadrees +

```

(base) sarahadrees@sarah-MBP % cd /usr/local/bin/python3 /Users/sarahadrees/Desktop/#GET.py
["id": 4, "token": "QmVzZjE4dGJtZWU="]
200
(base) sarahadrees@sarah-MBP % 

```

Ln 23, Col 2 Spaces 4 UTF-8 LF Python 3.10.5 64-bit

VS Code interface showing a Python script for a REST client. The script uses the requests library to interact with a REST API.

```

17 #GET.py
18 import requests
19 api_url = "https://reqres.in/api/users"
20 todo = {
21     "name": "morpheus",
22     "job": "leader"
23 }
24 response = requests.post(api_url, json=todo)
25 print(response.json())
26 response.status_code
27
28 if response.status_code == 201:
29     print("201")
30
31 elif response.status_code == 200:
32     print("200")
33
34 elif response.status_code == 400:
35     print("400")

```

The interface includes a sidebar with icons for Explorer, Search, Run and Debug, and Extensions. The bottom status bar shows the file path, line and column numbers, and the Python version.

The image shows a VS Code editor window with a Python file named `#GET.py`. The script is as follows:

```

17 #POST
18 import requests
19 api_url = "https://reqres.in/api/register"
20 todo = {
21     "email": "sydney@fife"
22 }
23
24 response = requests.post(api_url, json=todo)
25 print(response.json())
26 response.status_code
27
28 if response.status_code == 201 :
29     print("201")
30
31 elif response.status_code == 200 :
32     print("200")
33
34 elif response.status_code == 400 :
35     print("400")

```

The terminal at the bottom shows the command being executed and the output:

```

(base) sarahaldrées@SaraH-MBP ~ % ./usr/local/bin/python3 /Users/sarahaldrées/Desktop/#GET.py
{'error': 'Missing password'}
400
(base) sarahaldrées@SaraH-MBP ~ %

```

The status bar at the bottom indicates the file is `Ln 23, Col 1`, the encoding is `UTF-8`, and the Python version is `3.10.5 64-bit`.