

GET Method :

The screenshot shows the Visual Studio Code interface with a REST client request configured. The code editor displays the following Python code:

```
F: > APlassign > fastapi-simple-test-api > fastapi-master > app > main.py > ...
43 GET read_result(user_id: int):
44     return api.read_result(user_id)
45
46
47
48 @app.get("/cars/{name}")
49 def read_result(name: str):
50     return api.read_result(name)
51
52
53
```

The REST client panel shows a GET request to `http://127.0.0.1:8000/cars/Porsche Taycan`. The response is a JSON object:

```
1 [
2   {
3     "id": 2,
4     "name": "Porsche Taycan",
5     "fuel": "electric",
6     "price": "high",
7     "category": "sporting",
8     "link": ""
9   },
10  {
11    "id": 4,
```

The status is 200 OK, Size: 197 Bytes, Time: 11 ms.

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```
41
42
43 @app.get("/result/{user_id}")
44 def read_result(user_id: int):
45     return api.read_result(user_id)
46
47
48
49 @app.get("/cars/{name}")
50 def read_result(name: str):
51     return api.read_result(name)
52
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54
```

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10  {
11    "id": 4,
```

The status is 200 OK, Size: 197 Bytes, Time: 7 ms.

Visual Studio Code interface showing a REST client request and response.

Code Editor:

```
33
34
35 @app.post("/answer", status_code=201)
36 def create_answer(payload: UserAnswer):
37     payload = payload.dict()
38     return api.create_answer(payload)
39
40
41
42 @app.get("/result/{user_id}")
43 def read_result(user_id: int):
44     return api.read_result(user_id)
45
46
47
```

REST Client:

Method: GET, URL: `http://127.0.0.1:8000/result/1`

Response Status: 200 OK, Size: 279 Bytes, Time: 5 ms

Response Body (JSON):

```
{
  "user": {
    "id": 1,
    "name": "PÃ¶rrcio",
    "mail": "example@mail.com",
    "phone": "98769878"
  }
}
```

Windows taskbar shows the time as 12:31 PM on 10/3/2022.

Visual Studio Code interface showing a REST client request and response.

Code Editor:

```
33
34
35 @app.post("/answer", status_code=201)
36 def create_answer(payload: UserAnswer):
37     payload = payload.dict()
38     return api.create_answer(payload)
39
40
41
42 @app.get("/result/{user_id}")
43 def read_result(user_id: int):
44     return api.read_result(user_id)
45
46
47
```

REST Client:

Method: GET, URL: `http://127.0.0.1:8000/result/2`

Response Status: 200 OK, Size: 197 Bytes, Time: 9 ms

Response Body (JSON):

```
{
  "id": 2,
  "name": "Porsche Taycan",
  "fuel": "electric",
  "price": "high",
  "category": "sporting",
  "link": ""
}
```

Windows taskbar shows the time as 12:32 PM on 10/3/2022.

Visual Studio Code interface showing a Python FastAPI application and a REST client request.

Python Code (main.py):

```
31 @app.get("/alternatives/{question_id}")
32 def read_alternatives(question_id: int):
33     return api.read_alternatives(question_id)
34
35
36 @app.post("/answer", status_code=201)
37 def create_answer(payload: UserAnswer):
38     payload = payload.dict()
39     return api.create_answer(payload)
40
41
42
43 @app.get("/result/{user_id}")
44 def read_result(user_id: int):
45     return api.read_result(user_id)
46
```

REST Client Request:

- Method: POST
- URL: http://127.0.0.1:8000/answer
- Body (JSON):

```
{
  "answers": [
    {
      "question_id": 1,
      "alternative_id": 3
    }
  ]
}
```

Response: Status: 500 Internal Server Error, Size: 21 Bytes, Time: 8 ms. The response body contains the text: "Internal Server Error".

Windows taskbar at the bottom shows the time as 1:04 PM on 10/3/2022.