

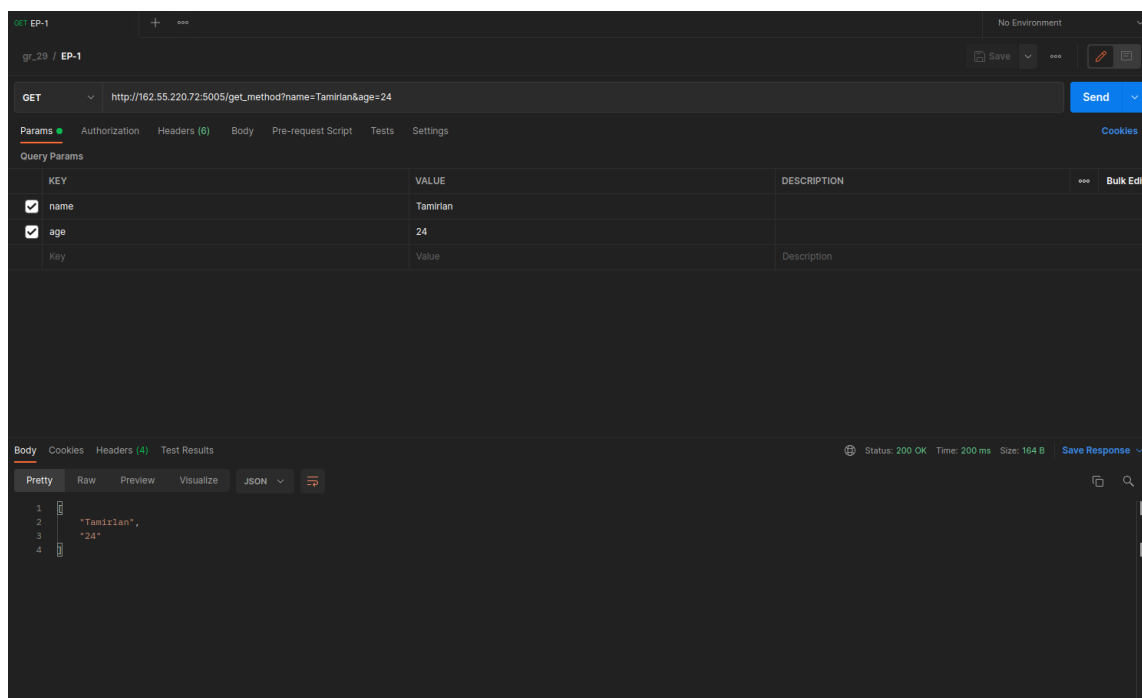
Домашнее задание по Postman

1. Задание

```
EP_1
Method: GET
EndPoint: /get_method
request url params:
  name: str
  age: int

response:
[
  "Str",
  "Str"
]
```

Решение:



2. Задание:

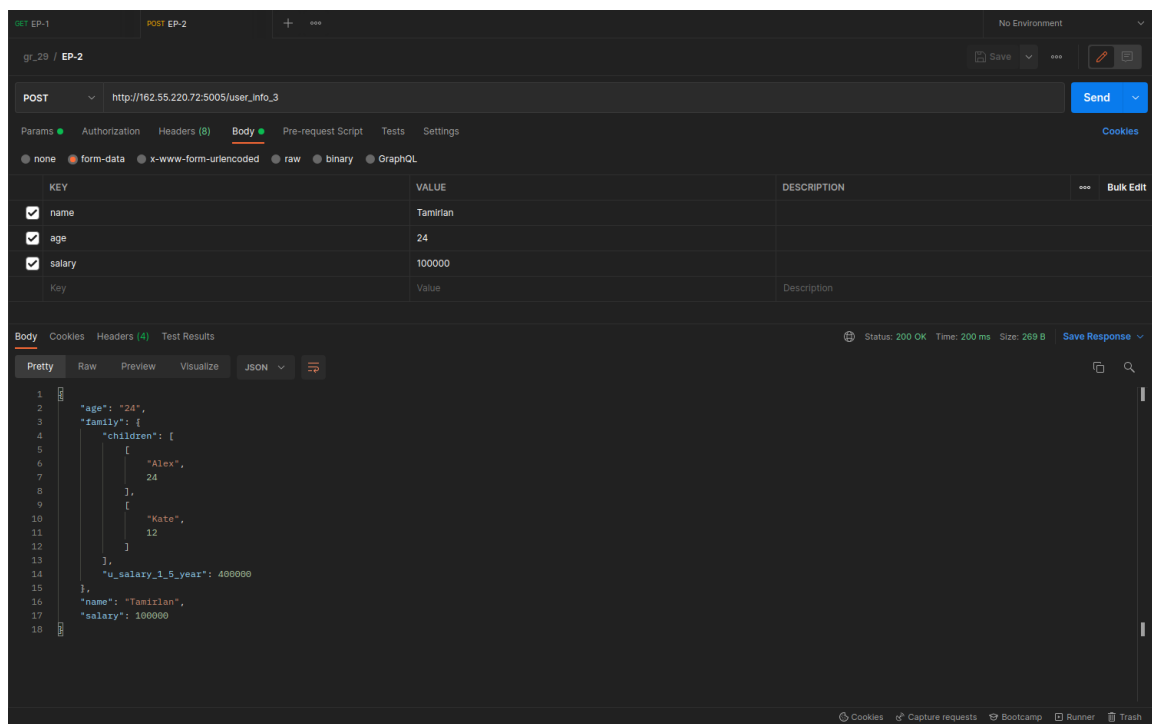
```

EP_2
Method: POST
EndPoint: /user_info_3
request form data:
  name: str
  age: int
  salary: int

response:
{'name': name,
 'age': age,
 'salary': salary,
 'family': {'children': [['Alex', 24], ['Kate', 12]],
 'u_salary_1_5_year': salary * 4}}

```

Решение:

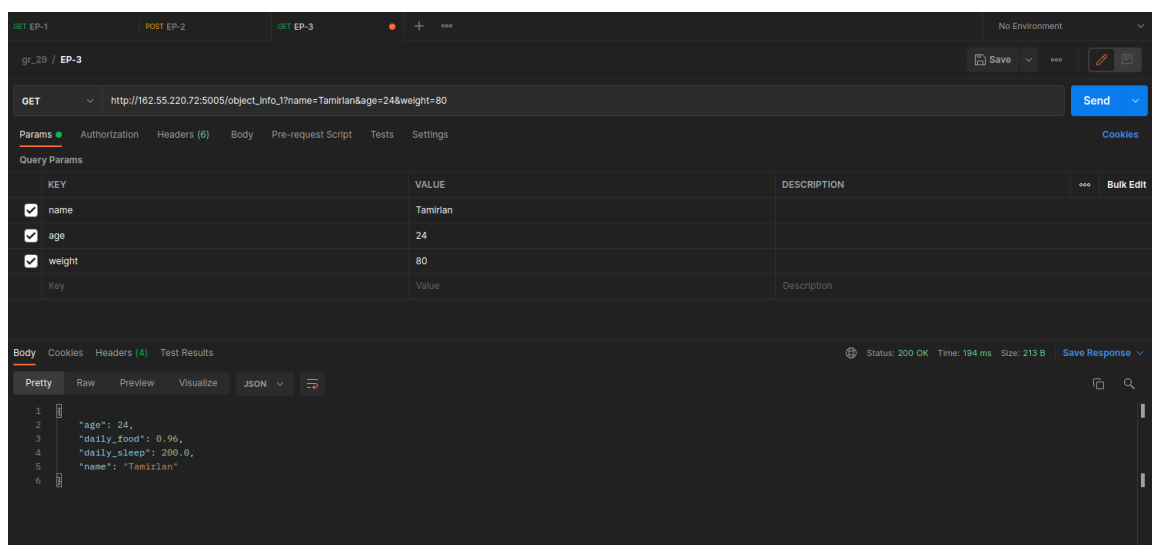


3. Задание:

```
EP_3
Method: GET
EndPoint: /object_info_1
request url params:
  name: str
  age: int
  weight: int

response:
{'name': name,
 'age': age,
 'daily_food': weight * 0.012,
 'daily_sleep': weight * 2.5}
```

Решение:



4. Задание

```

EP_4
Method: GET
EndPoint: /object_info_2
request url params:
  name: str
  age: int
  salary: int

response:
{
  'start_qa_salary': salary,
  'qa_salary_after_6_months': salary * 2,
  'qa_salary_after_12_months': salary * 2.7,
  'qa_salary_after_1.5_year': salary * 3.3,
  'qa_salary_after_3.5_years': salary * 3.8,
  'person': {
    'u_name': [user_name, salary, age],
    'u_age': age,
    'u_salary_5_years': salary * 4.2
  }
}

```

Решение

The screenshot shows a Postman interface for a GET request to `http://162.55.220.72:5005/object_info_2?name=Tamilan&age=24&salary=1000000`. The query parameters are listed in a table below.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	Tamilan	
<input checked="" type="checkbox"/> age	24	
<input checked="" type="checkbox"/> salary	1000000	
Key	Value	Description

The response body is shown in JSON format:

```

{
  "person": {
    "u_age": 24,
    "u_name": [
      "Tamilan",
      1000000,
      24
    ],
    "u_salary_5_years": 4200000.0
  },
  "qa_salary_after_1.5_year": 3300000.0,
  "qa_salary_after_12_months": 2700000.0,
  "qa_salary_after_3.5_years": 3800000.0,
  "qa_salary_after_6_months": 2000000.0,
  "start_qa_salary": 1000000
}

```

5. Задание:

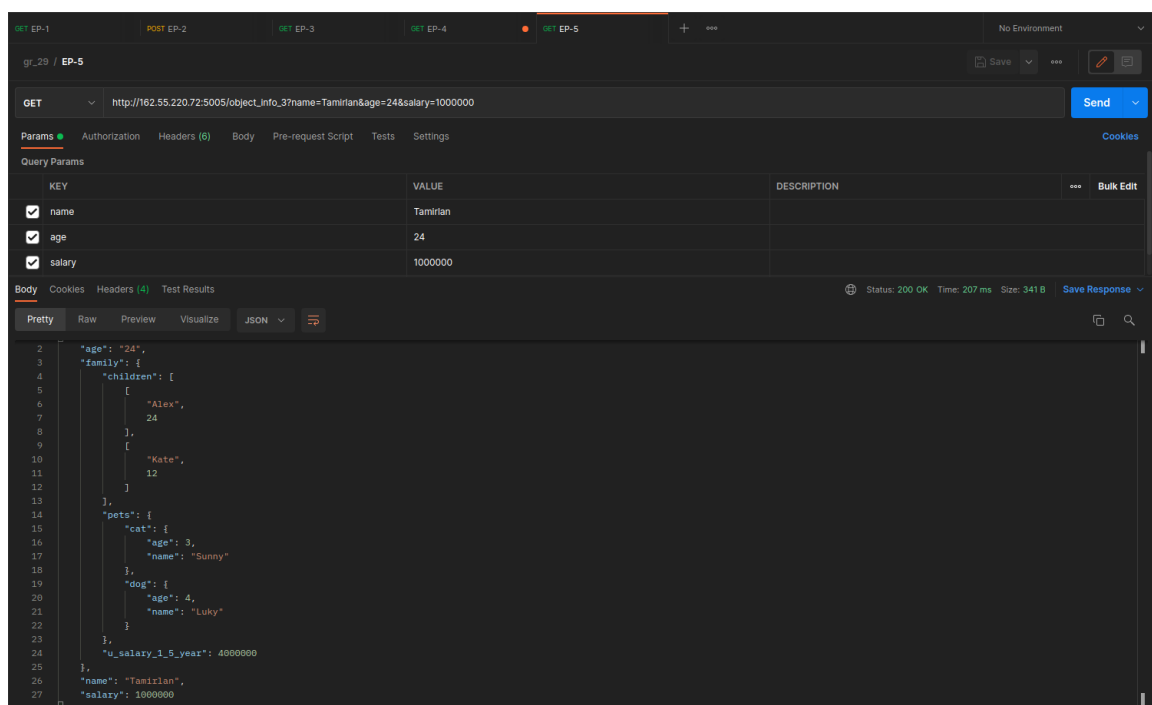
```

EP_5
Method: GET
EndPoint: /object_info_3
request url params:
name: str
age: int
salary: int

response:
{'name': name,
  'age': age,
  'salary': salary,
  'family': {'children': [['Alex', 24], ['Kate', 12]],
    'pets': {'cat': {'name': 'Sunny',
      'age': 3},
      'dog': {'name': 'Luky',
        'age': 4}},
    'u_salary_1_5_year': salary * 4}
}

```

Решение:



6. Задание

```
EP_6
Method: GET
EndPoint: /object_info_4
request url params:
  name: str
  age: int
  salary: int

response:
{'name': name,
 'age': int(age),
 'salary': [salary, str(salary * 2), str(salary * 3)]}
```

Решение:

The screenshot shows the Postman interface for a GET request. The URL is `http://162.55.220.72:5005/object_info_4?name=Tamiran&age=24&salary=1000000`. The query parameters are:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	Tamiran	
<input checked="" type="checkbox"/> age	24	
<input checked="" type="checkbox"/> salary	1000000	
Key	Value	Description

The response body is shown in JSON format:

```
{
  "age": 24,
  "name": "Tamiran",
  "salary": [
    1000000,
    "2000000",
    "3000000"
  ]
}
```

Status: 200 OK, Time: 190 ms, Size: 214 B

7. Задание:

```

EP_7
Method: POST
EndPoint: /user_info_2
request form data:
name: str
age: int
salary: int

response:
{'start_qa_salary': salary,
  'qa_salary_after_6_months': salary * 2,
  'qa_salary_after_12_months': salary * 2.7,
  'qa_salary_after_1.5_year': salary * 3.3,
  'qa_salary_after_3.5_years': salary * 3.8,
  'person': {'u_name': [user_name, salary, age],
             'u_age': age,
             'u_salary_5_years': salary * 4.2}
}

```

Решение:

The screenshot shows a REST client interface with a POST request to `http://162.55.220.72:5005/user_info_2`. The request body is form data with the following fields:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	Tamiran	
<input checked="" type="checkbox"/> age	24	
<input checked="" type="checkbox"/> salary	1000000	

The response is a JSON object, displayed in the "Body" tab:

```

{
  "person": {
    "u_age": 24,
    "u_name": [
      "Tamiran",
      1000000,
      24
    ]
  },
  "u_salary_5_years": 4200000.0,
  "qa_salary_after_1.5_year": 3300000.0,
  "qa_salary_after_12_months": 2700000.0,
  "qa_salary_after_3.5_years": 3800000.0,
  "qa_salary_after_6_months": 2000000.0,
  "start_qa_salary": 1000000
}

```

Status: 200 OK, Time: 161 ms, Size: 407 B

Задание от Анатолия:

1. Создать окружение
2. Создать в нем переменные name, age, salary, weight
3. Записать в них значения, которые вы используете в запросах
4. Заменить в запросах текстом прописанные значения на вызов переменной окружения
5. Создать переменную url
6. Записать в нее IP + port (всё до эндпоинта)
7. Заменить в запросах ip и порт на переменную

Решение:

Объявляем переменные и создаем окружение:

Tolya_env			Edit
VARIABLE	INITIAL VALUE	CURRENT VALUE	
name	Tamirlan	Tamirlan	
age	24	24	
salary	1000000	1000000	
weight	80	80	

Globals			Edit
VARIABLE	INITIAL VALUE	CURRENT VALUE	
url		http://162.55.220.72:5005	

Tolya_env GET EP-1 + ... Tolya_env

gr_29 using var and env / EP-1

GET `((url))/get_method?name={{name}}&age={{age}}` **Send**

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	{{name}}	
<input checked="" type="checkbox"/> age	{{age}}	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 166 ms Size: 164 B **Save Response**

Pretty Raw Preview Visualize JSON **Send**

```

1
2
3
4
[
  "Tamilian",
  "24"
]
```

Tolya_env GET EP-1 POST EP-2 + ... Tolya_env

gr_29 using var and env / EP-2

POST `((url))/user_info_3` **Send**

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	{{name}}	
<input checked="" type="checkbox"/> age	{{age}}	
<input checked="" type="checkbox"/> salary	{{salary}}	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 201 ms Size: 271 B **Save Response**

Pretty Raw Preview Visualize JSON **Send**

```

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
{
  "age": "24",
  "family": {
    "children": [
      {
        "name": "Alex",
        "age": 24
      },
      {
        "name": "Kate",
        "age": 12
      }
    ],
    "u_salary_1_5_year": 4000000
  },
  "name": "Tamilian",
  "salary": 1000000
}
```

GET EP-3 + ... Tolya_env

gr_29 using var and env / EP-3

GET `((url))/object_info_1?name={{name}}&age={{age}}&weight={{weight}}` **Send**

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	{{name}}	
<input checked="" type="checkbox"/> age	{{age}}	
<input checked="" type="checkbox"/> weight	{{weight}}	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 187 ms Size: 213 B **Save Response**

Pretty Raw Preview Visualize JSON **Send**

```

1
2
3
4
5
6
{
  "age": 24,
  "daily_food": 0.96,
  "daily_sleep": 200.0,
  "name": "Tamilian"
}
```

GET EP-3 GET EP-4 + ... Tolya_env

gr_29 using var and env / EP-4

GET ((url)/object_info_2?name={{name}}&age={{age}}&salary={{salary}})

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> name	{{name}}			
<input checked="" type="checkbox"/> age	{{age}}			
<input checked="" type="checkbox"/> salary	{{salary}}			
Key	Value	Description		

Body Cookies Headers (4) Test Results Status: 200 OK Time: 183 ms Size: 407 B Save Response

Pretty Raw Preview Visualize JSON

```

1  {
2    "person": {
3      "u_age": 24,
4      "u_name": [
5        "Tamilian",
6        1000000,
7        24
8      ],
9      "u_salary_5_years": 4200000.0
10   },
11   "qa_salary_after_1.5_year": 3300000.0,
12   "qa_salary_after_12_months": 2700000.0,
13   "qa_salary_after_3.5_years": 3800000.0,
14   "qa_salary_after_6_months": 2000000,
15   "start_qa_salary": 1000000
16 }

```

GET EP-3 GET EP-4 GET EP-5 + ... Tolya_env

gr_29 using var and env / EP-5

GET ((url)/object_info_3?name={{name}}&age={{age}}&salary={{salary}})

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/> name	{{name}}			
<input checked="" type="checkbox"/> age	{{age}}			
<input checked="" type="checkbox"/> salary	{{salary}}			

Body Cookies Headers (4) Test Results Status: 200 OK Time: 181 ms Size: 341 B Save Response

Pretty Raw Preview Visualize JSON

```

2  {
3    "age": "24",
4    "family": {
5      "children": [
6        {
7          "Alex",
8          24
9        },
10       {
11         "Kate",
12         12
13       }
14     ],
15     "pets": {
16       "cat": {
17         "age": 3,
18         "name": "Sunny"
19       },
20       "dog": {
21         "age": 4,
22         "name": "Luky"
23       }
24     },
25     "u_salary_1.5_year": 4000000
26   },
27   "name": "Tamilian",
28   "salary": 1000000
29 }

```

GET EP-6 + ... Tolya_env

gr_29 using var and env / EP-6

GET (url)/object_info_4?name={{name}}&age={{age}}&salary={{salary}} Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	{{name}}	
<input checked="" type="checkbox"/> age	{{age}}	
<input checked="" type="checkbox"/> salary	{{salary}}	
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 363 ms Size: 214 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "age": 24,
3   "name": "Tamirian",
4   "salary": [
5     1800000,
6     "2000000",
7     "3000000"
8   ]
9 }
```

GET EP-6 POST EP-7 + ... Tolya_env

gr_29 using var and env / EP-7

POST (url)/user_info_2 Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	{{name}}	
<input checked="" type="checkbox"/> age	{{age}}	
<input checked="" type="checkbox"/> salary	{{salary}}	
Key	Value	Description

Response