

Конкина Екатерина ЭФБО-07-24

## Отчет по практике 3

### Запросы по практике 2

```
(base) ea.konkina@Mac Practica1-2 % cd Practic3
(base) ea.konkina@Mac Practic3 % npm install
added 65 packages, and audited 66 packages in 721ms

22 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
(base) ea.konkina@Mac Practic3 % node app.js
Server running on http://localhost:3000
□
```

MIREA's Workspace

New Import

Collections

Environments

History

Flows

Search collections

New Collection

This collection is empty.  
Add a request to start working.

The screenshot shows the MIREA's Workspace interface. At the top, there are buttons for 'New' and 'Import'. Below that, there are four main categories: 'Collections' (selected), 'Environments', 'History', and 'Flows'. Each category has a corresponding icon. To the right of 'Collections', there is a search bar labeled 'Search collections' and a section titled 'New Collection' which states 'This collection is empty.' and 'Add a request to start working.'

MIREA's Workspace

New Import

GET New Request

No environment

HTTP ... / New Request

Save Share

Send

Params Cookies

Query Params

Key	Value
Key	Value

Body 200

{ } JSON

```
2 { "id": 1, "name": "iPhone 17 Pro Max", "price": 149999 }, 3 { "id": 2, "name": "MacBook Pro 16\"", "price": 299999 }, 4 { "id": 3, "name": "AirPods Pro 3", "price": 24999 }
```

Files BETA

This screenshot shows a dark-themed interface for a cloud-based API development and testing platform. The top navigation bar includes 'MIREA's Workspace', 'New', 'Import', and 'No environment'. The main area displays a 'GET New Request' configuration with the URL 'http://localhost:3000/'. The 'Body' tab shows a JSON response with three items, each having an ID, name, and price. The response status is 200.

MIREA's Workspace

New Import

POST New Request

No environment

HTTP ... / New Request

Save Share

Send

Body Cookies

raw JSON Schema Beautify

```
1 { "name": "iPad Pro", "price": 89999 }
```

Body 201

{ } JSON

```
1 { "id": 1771768398580, "name": "iPad Pro", "price": 89999 }
```

Files BETA

This screenshot shows the same API testing tool after a POST request has been made. The 'POST New Request' configuration is visible. The 'Body' tab shows a JSON payload with one item. The response status is 201, and the response body shows the newly created item with an assigned ID.

MIREA's Workspace

New Import Overview Flows Home GET New Request POST New Request DEL New Request + No environment

Collections Environments History Flows Files

New Collection

GET New Request

GET New Request

DELETE http://localhost:3000/products/1771768398580

Docs Params Authorization Headers (6) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description
Key	Value	Description

Body Cookies Headers (7) Test Results

{ } JSON D Preview V Visualize

```
1 [ { "message": "Product deleted" } ]
```

200 OK 5 ms 264 B Save Response

## Запросы по OpenWeatherMap

### Погода в Москве

MIREA's Workspace

New Import Overview Flows Home GET New Request POST New Request DEL New Request + No environment

Collections Environments History Flows Files

OpenWeatherMap API / погода Москва

GET https://api.openweathermap.org/data/2.5/weather?q=Moscow&appid=b2b9ad9b41060b7db288062243c0989&units=metric&lang=ru

Docs Params Authorization Headers (8) Body Scripts Tests Settings Cookies

Query Params

Key	Value	Description
q	Moscow	
appid	b2b9ad9b41060b7db288062243c0989	
units	metric	
lang	ru	

Body Cookies Headers (8) Test Results

{ } JSON D Preview V Visualize

```
1 [ { "coord": { "lon": 37.6156, "lat": 55.7522 }, "weather": [ { "id": 804, "main": "Clouds", "description": "насмурно", "icon": "04n" } ], "base": "stations", "main": { "temp": -1.14, "feels_like": -7.53, "temp_min": -1.76, "temp_max": -0.74, "pressure": 1000, "humidity": 69, "sea_level": 1000, "grnd_level": 988 }, "visibility": 5504, "wind": { "speed": 7.36, "deg": 333 } } ]
```

200 OK 5.19 s 851 B Save Response

Body Cookies Headers (8) Test Results

{ } JSON Preview Visualize

```

8     "id": 864,
9      "main": "Clouds",
10     "description": "пасмурно",
11     "icon": "04n"
12   },
13 ],
14   "base": "stations",
15   "main": [
16     {
17       "temp": -1.14,
18       "feels_like": -7.53,
19       "temp_min": -1.76,
20       "temp_max": -0.74,
21       "pressure": 1008,
22       "humidity": 68,
23       "sea_level": 1008,
24       "grnd_level": 988
25     },
26     {
27       "visibility": 5184,
28       "wind": {
29         "speed": 7.35,
30         "deg": 221,
31         "gust": 15.35
32       },
33     },
34     "clouds": {
35       "all": 100
36     },
37     "dt": 1771775131,
38     "sys": {
39       "type": 2,
40       "id": 2094500,
41       "country": "RUS",
42       "sunrise": 1771735123,
43       "sunset": 1771771666
44     },
45     "timezone": 10800,
46     "id": 524901,
47     "name": "Москва",
48     "cod": 200
49   }
50 }
```

200 OK 3.68 s 851 B Save Response

## Погода в Лондоне

MIREA's Workspace New Import Overview GET New Request POST New Request PUT New Request

Search collections > New Collection OpenWeatherMap API GET погода Москва GET погода Лондон GET погода по координатам

GET https://api.openweathermap.org/data/2.5/weather?lat=40.71&lon=-74.01&appid=b2b9fad9b41060b7db288062243c098&units=metric&lang=ru

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

Key	Value	Description	Bulk Edit
lat	40.71		
lon	-74.01		
appid	b2b9fad9b41060b7db288062243c0989		
units	metric		
lang	ru		

Body Cookies Headers (8) Test Results

{ } JSON Preview Visualize

```

1 [
2   "coord": {
3     "lon": -74.01,
4     "lat": 40.71
5   },
6   "weather": [
7     {
8       "id": 500,
9       "main": "Rain",
10      "description": "небольшой дождь",
11      "icon": "10d"
12    }
13 ],
14   "base": "stations",
15   "main": [
16     {
17       "temp": 1.2,
18       "feels_like": -3.99,
19       "temp_min": -0.08,
20       "temp_max": 2.3,
21       "pressure": 1017,
22       "humidity": 92,
23       "sea_level": 1017,
24       "grnd_level": 1015
25     }
26 ]
```

200 OK 346 ms 876 B Save Response

MIREA's Workspace New Import Overview GET New Request POST New Request PUT New Request

Search collections > New Collection OpenWeatherMap API GET погода Москва GET погода Лондон GET погода по координатам

GET https://api.openweathermap.org/data/2.5/weather?lat=40.71&lon=-74.01&appid=b2b9fad9b41060b7db288062243c098&units=metric&lang=ru

Params Authorization Headers (8) Body Scripts Tests Settings Cookies

Key	Value	Description	Bulk Edit
lat	40.71		
lon	-74.01		
appid	b2b9fad9b41060b7db288062243c0989		
units	metric		
lang	ru		

Body Cookies Headers (8) Test Results

{ } JSON Preview Visualize

```

1 [
2   "coord": {
3     "lon": -74.01,
4     "lat": 40.71
5   },
6   "weather": [
7     {
8       "id": 500,
9       "main": "Rain",
10      "description": "небольшой дождь",
11      "icon": "10d"
12    }
13 ],
14   "base": "stations",
15   "main": [
16     {
17       "temp": 1.21,
18       "feels_like": -3.99,
19       "temp_min": -0.08,
20       "temp_max": 2.3,
21       "pressure": 1017,
22       "humidity": 92,
23       "sea_level": 1017,
24       "grnd_level": 1015
25     }
26 ]
```

200 OK 346 ms 876 B Save Response

## Погода по координатам

The screenshot shows the MIREA's Workspace interface. In the left sidebar, under 'Collections', there is a 'New Collection' button and an 'Environments' section with 'OpenWeatherMap API'. Below that are 'History' and 'Flows' sections. In the main area, a flow titled 'OpenWeatherMap API / погода Лондон' is displayed. The 'Params' tab is selected, showing query parameters: 'q' (London), 'appid' (6269fa9b410607db288062243c0989), 'units' (metric), and 'lang' (ru). The 'Body' tab shows a JSON response for London's weather. The response includes coordinates (-0.12557, 51.5085), weather conditions (id 803, feels like 14.9, description: 'блажь с проснением', icon: '04d'), base information (stations), and main weather statistics (temp: 14.24, feels like: -3.99, temp\_min: -0.08, temp\_max: 2.3, pressure: 1017, humidity: 92, sea\_level: 1017, grnd\_level: 1015). It also includes visibility (8047), wind (speed: 6.17, deg: 40), rain (1h: 0.22), clouds (all: 100), and system details (dt: 1771776076, type: 1, id: 46109, country: 'US', sunrise: 1771760438, sunset: 1771799926). The 'Timezone' field is set to -18000. The response ends with an ID (512581) and name ('Нью-Йорк').

This screenshot shows a detailed view of the JSON response for London's weather. The response is identical to the one shown in the previous screenshot, including all the detailed weather statistics and system information.

## Погода по ID

The screenshot shows the MIREA's Workspace interface. In the left sidebar, under 'Collections', there is a 'New Collection' button and an 'Environments' section with 'OpenWeatherMap API'. Below that are 'History' and 'Flows' sections. In the main area, a flow titled 'OpenWeatherMap API / погода по ID' is displayed. The 'Params' tab is selected, showing query parameters: 'id' (524901), 'appid' (6269fa9b410607db288062243c0989), 'units' (metric), and 'lang' (ru). The 'Body' tab shows a JSON response for the product with ID 524901. The response includes coordinates (37.6156, 55.7592), weather conditions (id 804, feels like 14.14, description: 'Clouds', icon: '04d'), base information (stations), and main weather statistics (temp: 14.14, feels like: -7.53, temp\_min: -1.76, temp\_max: 17.84, pressure: 1008, humidity: 68, sea\_level: 10088, grnd\_level: 988).

The screenshot shows the Postman interface with a successful API call to the OpenWeatherMap API for Moscow. The response body is displayed in JSON format, showing detailed weather information for Moscow, including temperature, humidity, pressure, and wind details.

```
{
  "id": 524901,
  "name": "Москва",
  "cod": 200
}
```

## Прогноз Париж

The screenshot shows the MIREA's Workspace interface with a collection named 'OpenWeatherMap API' containing several requests. One specific request is highlighted for getting the weather forecast for Paris, with its URL and parameters defined.

Request URL: <https://api.openweathermap.org/data/2.5/forecast?q=Paris&appid=b2b9fad9b41060b7db288062243c0989&units=metric&lang=ru&cnt=5>

Request Parameters:

Key	Value	Description
q	Paris	
appid	b2b9fad9b41060b7db288062243c0989	
units	metric	
lang	ru	
cnt	5	

"cod": "200",

"message": 0,

"cnt": 5,

"list": [

{

```
"dt": 1771783200,  
  "main": {  
    "temp": 12.45,  
    "feels_like": 11.92,  
    "temp_min": 11.66,  
    "temp_max": 12.45,  
    "pressure": 1022,  
    "sea_level": 1022,  
    "grnd_level": 1012,  
    "humidity": 83,  
    "temp_kf": 0.79  
  },  
  "weather": [  
    {  
      "id": 501,  
      "main": "Rain",  
      "description": "дождь",  
      "icon": "10n"  
    }  
  ],  
  "clouds": {  
    "all": 83  
  },  
  "wind": {  
    "speed": 5.62,  
    "deg": 236,  
    "gust": 12.51  
  },  
  "visibility": 9683,
```

```
    "pop": 1,  
    "rain": {  
        "3h": 3.58  
    },  
    "sys": {  
        "pod": "n"  
    },  
    "dt_txt": "2026-02-22 18:00:00"  
},  
{  
    "dt": 1771794000,  
    "main": {  
        "temp": 11.16,  
        "feels_like": 10.52,  
        "temp_min": 10.31,  
        "temp_max": 11.16,  
        "pressure": 1022,  
        "sea_level": 1022,  
        "grnd_level": 1012,  
        "humidity": 84,  
        "temp_kf": 0.85  
    },  
    "weather": [  
        {  
            "id": 500,  
            "main": "Rain",  
            "description": "небольшой дождь",  
            "icon": "10n"  
        }]
```

```
        ],
      "clouds": {
        "all": 92
      },
      "wind": {
        "speed": 4.84,
        "deg": 233,
        "gust": 11.91
      },
      "visibility": 10000,
      "pop": 1,
      "rain": {
        "3h": 1.28
      },
      "sys": {
        "pod": "n"
      },
      "dt_txt": "2026-02-22 21:00:00"
    },
  {
    "dt": 1771804800,
    "main": {
      "temp": 11.05,
      "feels_like": 10.51,
      "temp_min": 11.05,
      "temp_max": 11.05,
      "pressure": 1022,
      "sea_level": 1022,
      "grnd_level": 1012,
```

```
        "humidity": 88,  
        "temp_kf": 0  
    },  
    "weather": [  
        {  
            "id": 500,  
            "main": "Rain",  
            "description": "небольшой дождь",  
            "icon": "10n"  
        }  
    ],  
    "clouds": {  
        "all": 100  
    },  
    "wind": {  
        "speed": 4.89,  
        "deg": 240,  
        "gust": 12.21  
    },  
    "visibility": 10000,  
    "pop": 1,  
    "rain": {  
        "3h": 0.1  
    },  
    "sys": {  
        "pod": "n"  
    },  
    "dt_txt": "2026-02-23 00:00:00"  
},
```

```
{  
    "dt": 1771815600,  
    "main": {  
        "temp": 11.23,  
        "feels_like": 10.68,  
        "temp_min": 11.23,  
        "temp_max": 11.23,  
        "pressure": 1022,  
        "sea_level": 1022,  
        "grnd_level": 1012,  
        "humidity": 87,  
        "temp_kf": 0  
    },  
    "weather": [  
        {  
            "id": 500,  
            "main": "Rain",  
            "description": "небольшой дождь",  
            "icon": "10n"  
        }  
    ],  
    "clouds": {  
        "all": 100  
    },  
    "wind": {  
        "speed": 4.07,  
        "deg": 252,  
        "gust": 9.73  
    },  
}
```

```
    "visibility": 10000,  
    "pop": 0.2,  
    "rain": {  
        "3h": 0.14  
    },  
    "sys": {  
        "pod": "n"  
    },  
    "dt_txt": "2026-02-23 03:00:00"  
},  
{  
    "dt": 1771826400,  
    "main": {  
        "temp": 9.58,  
        "feels_like": 7.72,  
        "temp_min": 9.58,  
        "temp_max": 9.58,  
        "pressure": 1022,  
        "sea_level": 1022,  
        "grnd_level": 1012,  
        "humidity": 83,  
        "temp_kf": 0  
    },  
    "weather": [  
        {  
            "id": 804,  
            "main": "Clouds",  
            "description": "пасмурно",  
            "icon": "04n"  
        }]
```

```
        },
    ],
    "clouds": {
        "all": 94
    },
    "wind": {
        "speed": 3.52,
        "deg": 245,
        "gust": 9.9
    },
    "visibility": 10000,
    "pop": 0,
    "sys": {
        "pod": "n"
    },
    "dt_txt": "2026-02-23 06:00:00"
},
],
"city": {
    "id": 2988507,
    "name": "Париж",
    "coord": {
        "lat": 48.8534,
        "lon": 2.3488
    },
    "country": "FR",
    "population": 2138551,
    "timezone": 3600,
    "sunrise": 1771742803,
```

**"sunset": 1771780912**

}

}