

**Федеральное государственное автономное образовательное учреждение высшего
образования**

**«НАЦИОНАЛЬНЫЙ ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ
«ВЫСШАЯ ШКОЛА ЭКОНОМИКИ»**

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Лабораторная работа №1 по курсу
«Проектный Семинар»

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Отчет.

1. Корректный запрос

Запрос:

The screenshot shows a network client interface with a dark theme. At the top, it displays '200 OK', '10.1 ms', and '194 B'. Below this, there are tabs for 'Preview', 'Header', 'Cookie', and 'Timeline'. The 'Preview' tab is selected, showing the raw HTTP request and response. The request is a POST to '/user_input/user_input.php?page=page1' with headers: 'Host: localhost:8005', 'User-Agent: insomnia/2021.5.3', 'Content-Type: application/x-www-form-urlencoded', 'X_Access-Token: SECRET_TOKEN', and 'Accept: */*'. The body contains 'var1=1&var2=2&var3=3'. The response is 'HTTP/1.1 200 OK' with headers: 'Host: localhost:8005', 'Date: Tue, 05 Oct 2021 12:51:52 GMT', 'Connection: close', 'X-Powered-By: PHP/7.4.24', and 'Content-type: text/html; charset=UTF-8'. At the bottom, it says '* Received 194 B chunk'.

В запросе все параметры переданы согласно заданию, ответ положительный

The screenshot shows a REST client interface with a dark theme. At the top, it displays '200 OK', '5.74 ms', and '194 B'. Below this, there are tabs for 'Preview', 'Header', 'Cookie', and 'Timeline'. The 'Preview' tab is selected, showing the raw HTTP request and response. The request is a POST to 'http://localhost:8005/user_input/user_input.php' with headers: 'Host: localhost:8005', 'User-Agent: insomnia/2021.5.3', 'Content-Type: application/x-www-form-urlencoded', 'X_Access-Token: SECRET_TOKEN', and 'Accept: */*'. The body contains 'var1=1&var2=2&var3=3'. The response is 'HTTP/1.1 200 OK' with headers: 'Host: localhost:8005', 'Date: Tue, 05 Oct 2021 12:51:52 GMT', 'Connection: close', 'X-Powered-By: PHP/7.4.24', and 'Content-type: text/html; charset=UTF-8'. At the bottom, it says '* Received 194 B chunk'.

2. Запрос без токена (нет поля токена в Header'е)

```
200 OK 15.5 ms 46 B

Preview ▼ Header 5 Cookie Timeline

* Current time is 2021-10-05T12:59:13.657Z
* Using libcurl/7.73.0-DEV OpenSSL/1.1.1g zlib/1.2.11 brotli/1.0.9 WinIDN
libssh2/1.9.0_DEV nghttp2/1.41.0
* Using default HTTP version
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Trying ::1:8005...
* Connected to localhost (::1) port 8005 (#0)

> POST /user_input/user_input.php?page=page1 HTTP/1.1
> Host: localhost:8005
> User-Agent: insomnia/2021.5.3
> Content-Type: application/x-www-form-urlencoded
> Accept: */*
> Content-Length: 20

| var1=1&var2=2&var3=3

* upload completely sent off: 20 out of 20 bytes
* Mark bundle as not supporting multiuse

< HTTP/1.1 200 OK
< Host: localhost:8005
< Date: Tue, 05 Oct 2021 12:59:13 GMT
< Connection: close
< X-Powered-By: PHP/7.4.24
< Content-type: text/html; charset=UTF-8
```

Ответ:

Dashboard / My Collection

No Environment Cookies

POST http://localhost:8005/user_input/user_input.php Send 200 OK 15.5 ms 46 B 6 Hours Ago

Filter

GET WrongMethod

POST CorrectPOST

POST NoDataPOST

POST WrongContentTypePOST

POST WrongPagePOST

POST NoPagePOST

POST WrongTokenPOST

POST NoTokenPOST

Form 3 Auth Query 1 Header 1 Docs

var1 1

var2 2

var3 3

New name New value

Preview Header 5 Cookie Timeline

Запрещено, не задан токен

3. Запрос с неверным токеном (TOKEN = NOT_SECRET_TOKEN)

```
200 OK 10.1 ms 47 B

Preview ▾ Header 5 Cookie Timeline

* Preparing request to http://localhost:8005/user_input/user_input.php
* Current time is 2021-10-05T13:04:33.554Z
* Using libcurl/7.73.0-DEV OpenSSL/1.1.1g zlib/1.2.11 brotli
libssh2/1.9.0-DEV nghttp2/1.41.0
* Using default HTTP version
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Hostname in DNS cache was stale, zapped
* Trying ::1:8005...
* Connected to localhost (::1) port 8005 (#3)

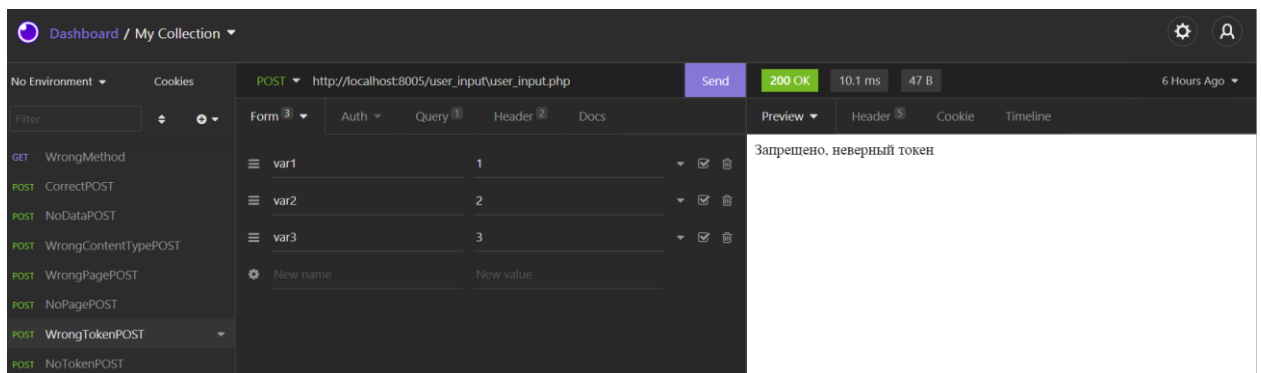
> POST /user_input/user_input.php?page=page1 HTTP/1.1
> Host: localhost:8005
> User-Agent: insomnia/2021.5.3
> Content-Type: application/x-www-form-urlencoded
> X_Access-Token: NOT_SECRET_TOKEN
> Accept: */*
> Content-Length: 20

| var1=1&var2=2&var3=3

* upload completely sent off: 20 out of 20 bytes
* Mark bundle as not supporting multiuse

< HTTP/1.1 200 OK
< Host: localhost:8005
< Date: Tue, 05 Oct 2021 13:04:33 GMT
< Connection: close
< X-Powered-By: PHP/7.4.24
< Content-type: text/html; charset=UTF-8
```

Ответ:



4. Запрос неправильным методом (GET вместо POST)

```
200 OK 10.6 ms 47 B A Mi

Preview ▾ Header 5 Cookie Timeline

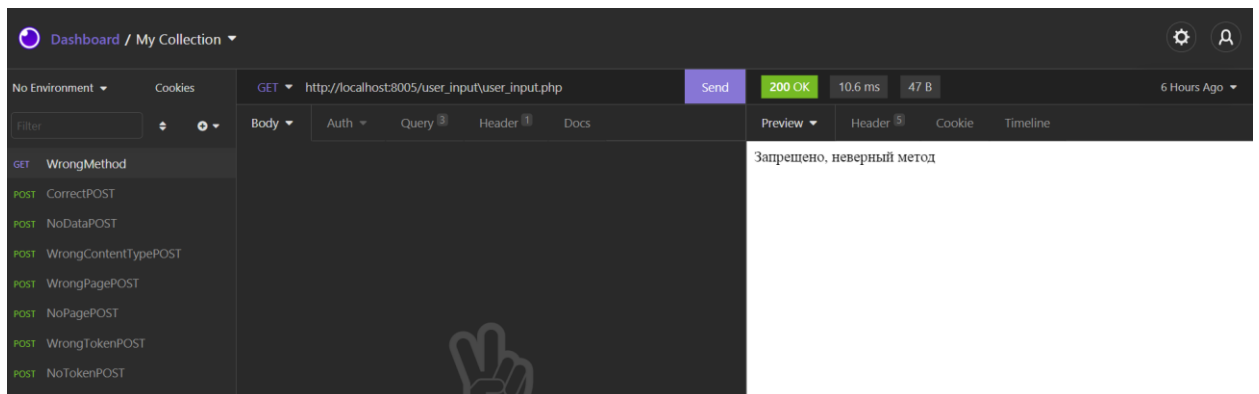
* Preparing request to http://localhost:8005/user_input/user_input.php?var1=1&var2=2&var3
* Current time is 2021-10-05T13:07:16.445Z
* Using libcurl/7.73.0-DEV OpenSSL/1.1.1g zlib/1.2.11 brotli/1.0.9 WinIDN
libssh2/1.9.0-DEV nghttp2/1.41.0
* Using default HTTP version
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Hostname in DNS cache was stale, zapped
* Trying ::1:8005...
* Connected to localhost (::1) port 8005 (#7)

> GET /user_input/user_input.php?var1=1&var2=2&var3 HTTP/1.1
> Host: localhost:8005
> User-Agent: insomnia/2021.5.3
> X_Access_Token: SECRET_TOKEN
> Accept: */*

* Mark bundle as not supporting multiuse

< HTTP/1.1 200 OK
< Host: localhost:8005
< Date: Tue, 05 Oct 2021 13:07:16 GMT
< Connection: close
< X-Powered-By: PHP/7.4.24
< Content-type: text/html; charset=UTF-8
```

Ответ:



5. Запрос без типа страницы (вместо "page" "not_page" в Query)

```
200 OK 13.3 ms 49 B A Minute Ago ▾
Preview ▾ Header 5 Cookie Timeline
* Preparing request to http://localhost:8005/user_input/user_input.php?not_page=page1
* Current time is 2021-10-05T13:01:22.427Z
* Using libcurl/7.73.0-DEV OpenSSL/1.1.1g zlib/1.2.11 brotli/1.0.9 WinIDN
libssh2/1.9.0_DEV nghttp2/1.41.0
* Using default HTTP version
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Hostname localhost was found in DNS cache
* Trying ::1:8005...
* Connected to localhost (::1) port 8005 (#2)

> POST /user_input/user_input.php?not_page=page1 HTTP/1.1
> Host: localhost:8005
> User-Agent: insomnia/2021.5.3
> Content-Type: application/x-www-form-urlencoded
> X_Access-Token: SECRET_TOKEN
> Accept: */*
> Content-Length: 20

| var1=1&var2=2&var3=3

* upload completely sent off: 20 out of 20 bytes
* Mark bundle as not supporting multiuse

< HTTP/1.1 200 OK
< Host: localhost:8005
< Date: Tue, 05 Oct 2021 13:01:22 GMT
< Connection: close
< X-Powered-By: PHP/7.4.24
< Content-type: text/html; charset=UTF-8
```

Ответ:

Dashboard / My Collection ▾

No Environment ▾ Cookies

Filter ▾

GET WrongMethod

POST CorrectPOST

POST NoDataPOST

POST WrongContentTypePOST

POST WrongPagePOST

POST NoPagePOST ▾

POST WrongTokenPOST

POST NoTokenPOST

POST ▾ http://localhost:8005/user_input/user_input.php Send 200 OK 13.3 ms 49 B 6 Hours Ago ▾

Form 3 ▾ Auth ▾ Query 1 Header 2 Docs

var1	1	▾	☑	🗑
var2	2	▾	☑	🗑
var3	3	▾	☑	🗑
⚙ New name	New value			

Ошибка, не задан тип страницы

6. Запрос с неправильным типом страницы (page = page101)

200 OK17.5 ms62 BJust Now

PreviewHeader5CookieTimeline

* Preparing request to http://localhost:8005/user_input/user_input.php?page=page101

* Current time is 2021-10-05T13:05:12.373Z

* Using libcurl/7.73.0-DEV OpenSSL/1.1.1g zlib/1.2.11 brotli/1.0.9 WinIDN libssh2/1.9.0_DEV nghttp2/1.41.0

* Using default HTTP version

* Disable timeout

* Enable automatic URL encoding

* Enable SSL validation

* Enable cookie sending with jar of 0 cookies

* Hostname localhost was found in DNS cache

* Trying ::1:8005...

* Connected to localhost (::1) port 8005 (#4)

> POST /user_input/user_input.php?page=page101 HTTP/1.1

> Host: localhost:8005

> User-Agent: insomnia/2021.5.3

> Content-Type: application/x-www-form-urlencoded

> X_Access-Token: SECRET_TOKEN

> Accept: */*

> Content-Length: 20

| var1=1&var2=2&var3=3

* upload completely sent off: 20 out of 20 bytes

* Mark bundle as not supporting multiuse

< HTTP/1.1 200 OK

< Host: localhost:8005

< Date: Tue, 05 Oct 2021 13:05:12 GMT

< Connection: close

< X-Powered-By: PHP/7.4.24

< Content-type: text/html; charset=UTF-8

Ответ:

Dashboard / My Collection

No EnvironmentCookies

Filter

GET WrongMethod

POST CorrectPOST

POST NoDataPOST

POST WrongContentTypePOST

POST WrongPagePOST

POST NoPagePOST

POST WrongTokenPOST

POST NoTokenPOST

POSThttp://localhost:8005/user_input/user_input.phpSend

Form3AuthQuery1Header2Docs

var11

var22

var33

New nameNew value

200 OK17.5 ms62 B6 Hours Ago

PreviewHeader5CookieTimeline

Ошибка, недопустимый тип страницы

7. Запрос с неверным типом данных (multipart вместо x-www-...)

200 OK 13.6 ms 50 B Just Now ▾

Preview ▾ Header 5 Cookie Timeline

* Trying ::1:8005...
* Connected to localhost (::1) port 8005 (#5)

> **POST /user_input/user_input.php?page=page1 HTTP/1.1**
> Host: localhost:8005
> User-Agent: insomnia/2021.5.3
> X_Access_Token: SECRET_TOKEN
> Content-Type: multipart/form-data; boundary=X-INSOMNIA-BOUNDARY
> Accept: */*
> Content-Length: 244

| --X-INSOMNIA-BOUNDARY
| Content-Disposition: form-data; name="var1"
| 1
| --X-INSOMNIA-BOUNDARY
| Content-Disposition: form-data; name="var2"
| 2
| --X-INSOMNIA-BOUNDARY
| Content-Disposition: form-data; name="var3"
| 3
| --X-INSOMNIA-BOUNDARY--

* We are completely uploaded and fine
* Mark bundle as not supporting multiuse

< **HTTP/1.1 200 OK**
< Host: localhost:8005
< Date: Tue, 05 Oct 2021 13:05:49 GMT
< Connection: close
< X-Powered-By: PHP/7.4.24
< Content-type: text/html; charset=UTF-8

Ответ:

Dashboard / My Collection ▾

No Environment ▾ Cookies

POST http://localhost:8005/user_input/user_input.php Send 200 OK 13.6 ms 50 B 6 Hours Ago ▾

Filter ▾

GET WrongMethod
POST CorrectPOST
POST NoDataPOST
POST WrongContentTypePOST
POST WrongPagePOST
POST NoPagePOST
POST WrongTokenPOST
POST NoTokenPOST

Multipart 3 ▾ Auth ▾ Query 1 Header 2 Docs

var1	1	✓	🗑
var2	2	✓	🗑
var3	3	✓	🗑
New name	New value		

Preview ▾ Header 5 Cookie Timeline

Ошибка, неверный тип данных

8. Запрос без данных (форма пустая)

The screenshot shows a network client interface with a dark theme. At the top, a status bar displays '200 OK' in a green box, '7.8 ms' in a grey box, and '44 B' in a grey box. Below this is a tabbed interface with 'Preview', 'Header', 'Cookie', and 'Timeline' tabs. The 'Header' tab is selected, showing a list of headers for a POST request to 'http://localhost:8005/user_input/user_input.php?page=page1'. The headers include 'Host: localhost:8005', 'User-Agent: insomnia/2021.5.3', 'Content-Type: application/x-www-form-urlencoded', 'X_Access-Token: SECRET_TOKEN', 'Accept: */*', and 'Content-Length: 0'. Below the headers, the response status is 'HTTP/1.1 200 OK' in green, followed by response headers: 'Host: localhost:8005', 'Date: Tue, 05 Oct 2021 13:06:29 GMT', 'Connection: close', 'X-Powered-By: PHP/7.4.24', and 'Content-type: text/html; charset=UTF-8'.

```
* Preparing request to http://localhost:8005/user_input/user_input.php?page=page1
* Current time is 2021-10-05T13:06:29.479Z
* Using libcurl/7.73.0-DEV OpenSSL/1.1.1g zlib/1.2.11 brotli/1.0.9 WinIDN
* Using default HTTP version
* Disable timeout
* Enable automatic URL encoding
* Enable SSL validation
* Enable cookie sending with jar of 0 cookies
* Hostname localhost was found in DNS cache
* Trying ::1:8005...
* Connected to localhost (::1) port 8005 (#6)

> POST /user_input/user_input.php?page=page1 HTTP/1.1
> Host: localhost:8005
> User-Agent: insomnia/2021.5.3
> Content-Type: application/x-www-form-urlencoded
> X_Access-Token: SECRET_TOKEN
> Accept: */*
> Content-Length: 0

* Mark bundle as not supporting multiuse

< HTTP/1.1 200 OK
< Host: localhost:8005
< Date: Tue, 05 Oct 2021 13:06:29 GMT
< Connection: close
< X-Powered-By: PHP/7.4.24
< Content-type: text/html; charset=UTF-8
```

Ответ:

The screenshot shows the Postman interface. At the top, there's a 'Dashboard / My Collection' header. Below it, a list of requests is shown on the left, including 'GET WrongMethod', 'POST CorrectPOST', 'POST NoDataPOST' (which is selected), 'POST WrongContentTypePOST', 'POST WrongPagePOST', 'POST NoPagePOST', 'POST WrongTokenPOST', and 'POST NoTokenPOST'. The main area shows the details of the 'NoDataPOST' request, which is a POST to 'http://localhost:8005/user_input/user_input.php'. The status bar at the top right shows '200 OK', '7.8 ms', and '44 B'. Below the status bar, there are tabs for 'Form', 'Auth', 'Query', 'Header', and 'Docs'. The 'Form' tab is selected, showing a table with 'New name' and 'New value' columns. On the right side, there's a message: 'Ошибка, данные не заданы' (Error, data not set).