



Lab 2 - POSTMAN

Course Title:	Software Testing			Course Code:	CSE 455	Credit Hours:	3(2,1)
Course Instructor Indhsdjs II Instructor or Instructor/s:	Yella Mehroze			Theory/Lab Name:	Lab		
Semester:	8 th	Batch:	SP21	Section:	A	Depart	CS

Learning Outcomes

- **Black Box Testing**
- **API Testing (Through Postman)**
 - **Learning API Basics (LAB 1)**
 - **Learning the POSTMAN basics (LAB 1)**
 - **Sending requests and response body (LAB 1)**
 - **Different types of request methods (LAB 1)**
 - **Sending requests to endpoints (LAB 1)**
 - **Creating collection**
 - **Creating Variable**

Task 1

Display all the fiction books

Methodology

- Install POSTMAN
- Learn the basics
- Start sending requests to various endpoints
- Use Get request
- Explore Query parameters
- Display all the fiction books

<https://github.com/vdespa/introduction-to-postman-course/blob/main/simple-books-api.md>

Output

Paste the screenshot of output, do wrong attempts as well to explore the response

My Workspace

Overview | GET GET REQUI | POST POST REQ | GET GET REQL | PATCH New Req | DEL New Req | + | No environment | ☰

SP21-BSE-078 / New Request

DELETE https://simple-books-api.glitch.me/status?status=ok

Params • Authorization Headers (6) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
status	ok		
Key	Value	Description	

Body Cookies Headers (7) Test Results

404 Not Found 244 ms 397 B

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <title>Error</title>
7 </head>
8
9 <body>
10   <pre>Cannot DELETE /status</pre>
```

My Workspace

Overview | GET GET REQUESTS | POST POST REQUEST | GET GET REQUESTS | PATCH New Requests | + | No environment | ☰

SP21-BSE-078 / New Request

PATCH https://simple-books-api.glitch.me/status?status=not ok

Params • Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
status	not ok		
Key	Value	Description	

Body Cookies Headers (7) Test Results

404 Not Found 1577 ms 396 B

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <title>Error</title>
6 </head>
7 <body>
8   <pre>Cannot PATCH /status</pre>
9 </body>
10 </html>
```

The screenshot shows the Postman application interface. In the left sidebar, under 'My Workspace', there is a collection named 'SP21-BSE-078' which contains several requests: 'GET GET REQUEST', 'POST POST REQUEST' (which is selected), 'PATCH New Request', and 'DEL New Request'. The main workspace displays a 'POST REQUEST' for the URL `https://usmanlive.com/wp-json/api/stories`. The 'Body' tab is selected, showing a JSON payload:

```
1 {  
2   "id": 7,  
3   "name": "The Russian",  
4   "type": "fiction",  
5   "available": true  
6 }
```

Below the request details, the response section shows a status of `200 OK`, a response time of `2.01 s`, and a size of `1.21 KB`. The response body is also displayed in JSON format:

```
1 {  
2   "message": "Story created successfully",  
3   "story_id": 4643  
4 }
```

REFERENCES

<https://www.guru99.com/postman-tutorial.html#1>

<https://www.postman.com/company/student-program/>

<https://github.com/vdespa/introduction-to-postman-course/blob/main/simple-books-api.md>

For any queries

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