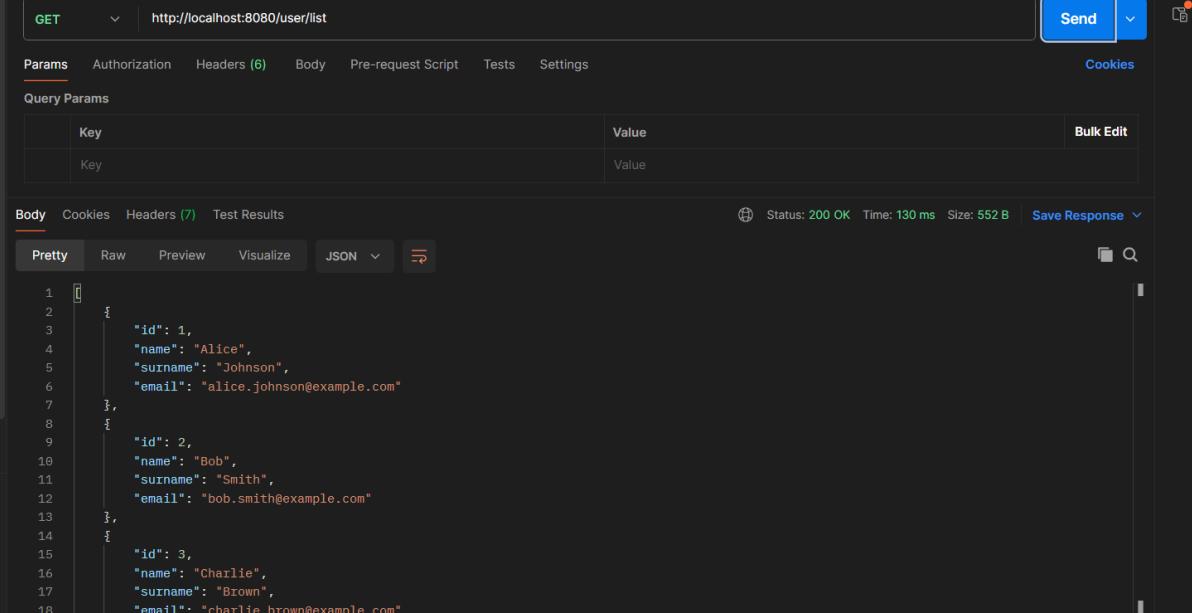


SDE Lab 2

List all users



GET http://localhost:8080/user/list

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

Query Params

Key	Value
Key	Value

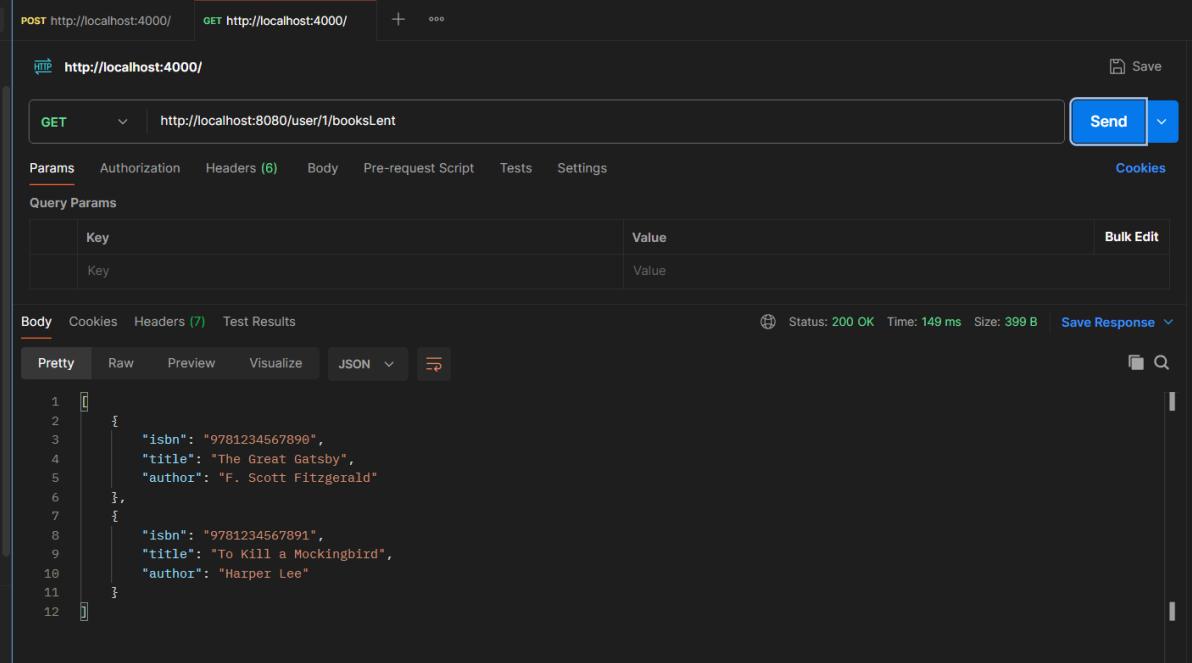
Body Cookies Headers (7) Test Results

Status: 200 OK Time: 130 ms Size: 552 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [ { 2   "id": 1, 3   "name": "Alice", 4   "surname": "Johnson", 5   "email": "alice.johnson@example.com" 6 }, 7   { 8     "id": 2, 9     "name": "Bob", 10    "surname": "Smith", 11    "email": "bob.smith@example.com" 12 }, 13   { 14     "id": 3, 15     "name": "Charlie", 16     "surname": "Brown", 17     "email": "charlie.brown@example.com" 18 } ]
```

exercise 2 -> add 200 ok response for books.



POST http://localhost:4000/ GET http://localhost:4000/ + 000

HTTP http://localhost:4000/ Save

GET http://localhost:8080/user/1/booksLent

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

Query Params

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 149 ms Size: 399 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [ { 2   "isbn": "9781234567890", 3   "title": "The Great Gatsby", 4   "author": "F. Scott Fitzgerald" 5 }, 6   { 7     "isbn": "9781234567891", 8     "title": "To Kill a Mockingbird", 9     "author": "Harper Lee" 10   } 11 ]
```

exercise 3 -> write a create books endpoint

POST | http://localhost:8080/book

Params Authorization Headers (9) Body Cookies

Body | none | form-data | x-www-form-urlencoded | raw | binary | JSON | Beautify

```
1 {  
2   "isbn": "1111111111111",  
3   "title": "The Great Mohammad Ali",  
4   "author": "Jason Goat"  
5 }
```

Body Cookies Headers (7) Test Results Status: 201 Created Time: 55 ms Size: 319 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {  
2   "isbn": "1111111111111",  
3   "title": "The Great Mohammad Ali",  
4   "author": "Jason Goat"  
5 }
```

Assignment

GET | http://localhost:8080/book/9781234567890/borrowers

Params Authorization Headers (6) Body Cookies

Body | none | form-data | x-www-form-urlencoded | raw | binary

This request does not have a body

Body Cookies Headers (7) Test Results Status: 200 OK Time: 169 ms Size: 397 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [  
2   {  
3     "id": 1,  
4     "name": "Alice",  
5     "surname": "Johnson",  
6     "email": "alice.johnson@example.com"  
7   },  
8   {  
9     "id": 3,  
10    "name": "Charlie",  
11    "surname": "Brown",  
12    "email": "charlie.brown@example.com"  
13  }]  
14 ]
```

```
91      }
92
93  // ASSIGNMENT
94  // This route handler retrieves the list of users who have borrowed a specific book
95  const getUsersWhoBorrowedBook = function (request, response) {
96      // Extract the ISBN parameter from the request
97      const isbn = request.params.isbn;
98
99      console.log(`Users who borrowed book ISBN: ${isbn} requested.`);
100
101     // Preparing and executing the SQL query to get the users who borrowed the book with the specified ISBN
102     pool.query(
103         'SELECT users.id, name, surname, email FROM users INNER JOIN loans ON users.id="userId" WHERE "bookId"=$1',
104         [isbn],
105         function (error, results) {
106             if (error) {
107                 console.log(error);
108                 response.status(500).json({ error: "Internal server error" });
109             } else {
110                 // Send a 200 OK response with the list of users as JSON data
111                 response.status(200).json(results.rows);
112             }
113         }
114     );
115 };
116
```