

# Web Technology

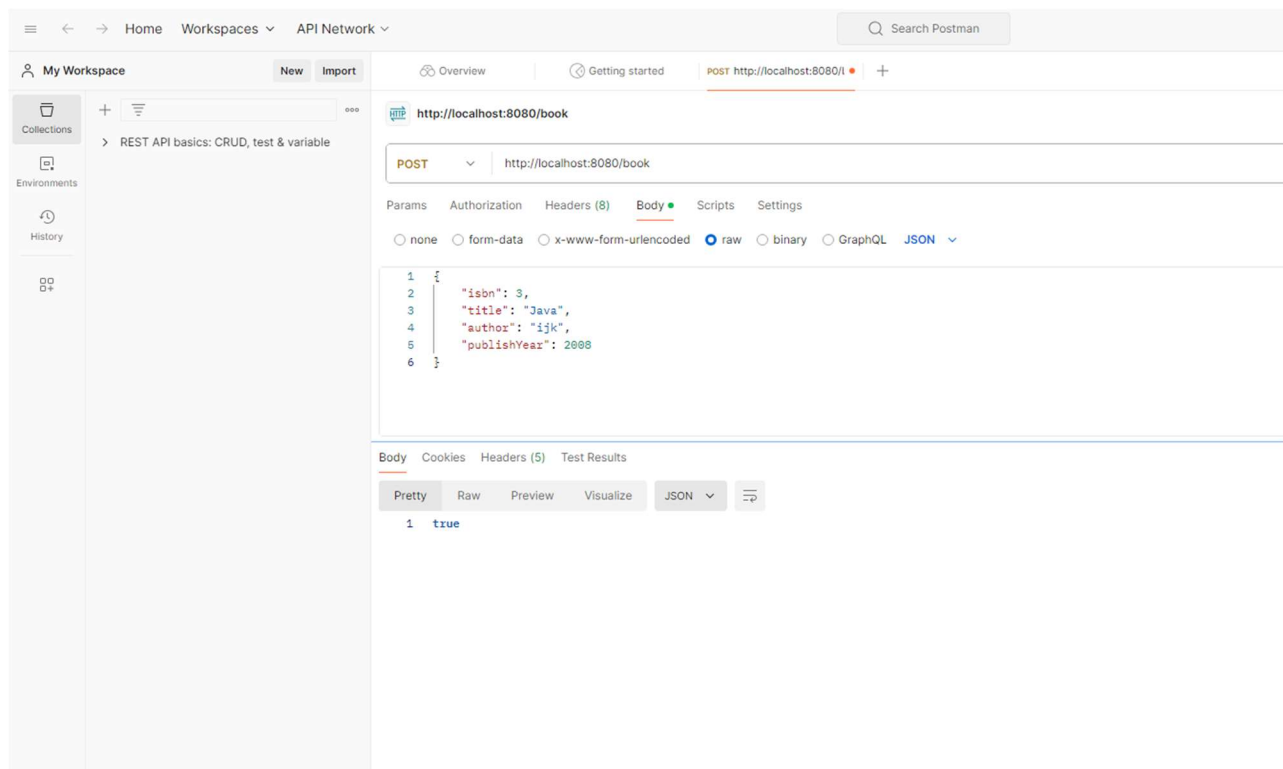
## Practical Assignment 2

### Problem Statement:

Library Management System (Without DAO)

GitHub link: <https://github.com/SujayGangan/LibraryApp>

### Some Screenshots:




API Network ⌵

Search Postman

NewImport

OverviewGetting startedGET http://localhost:8080/b•+

 http://localhost:8080/book

& variable


GET⌵http://localhost:8080/book

ParamsAuthorizationHeaders (8)Body•ScriptsSettings

☐ none☐ form-data☐ x-www-form-urlencoded☒ raw☐ binary☐ GraphQLJSON⌵

```
1 {
2   "isbn": 3,
3   "title": "Java",
4   "author": "ijk",
5   "publishYear": 2008
6 }
```

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeJSON⌵

```
1 [
2   {
3     "isbn": 1,
4     "title": "OS",
5     "author": "abc",
6     "publishYear": 2009
7   },
8   {
9     "isbn": 2,
10    "title": "DB",
11    "author": "def",
12    "publishYear": 2001
13  },
14  {
15    "isbn": 3,
16    "title": "Java",
17    "author": "ijk",
18    "publishYear": 2008
19  }
20 ]
```

NewImport

OverviewGetting startedGET http://localhost:8080/b...

JD, test & variable

http://localhost:8080/book/2

GEThttp://localhost:8080/book/2

ParamsAuthorizationHeaders (8)Body ●ScriptsSettings

noneform-datax-www-form-urlencodedrawbinaryGraphQLJSON

```
1 {
2   "isbn": 3,
3   "title": "Java",
4   "author": "ijk",
5   "publishYear": 2008
6 }
```

BodyCookiesHeaders (5)Test Results

PrettyRawPreviewVisualizeJSON

```
1 {
2   "isbn": 2,
3   "title": "DB",
4   "author": "def",
5   "publishYear": 2001
6 }
```

Overview

Getting started

POST http://localhost:8080/



http://localhost:8080/librarian

POST

http://localhost:8080/librarian

Params

Authorization

Headers (8)

Body

Scripts

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

```
1 {  
2   "id": 21865,  
3   "name": "John",  
4   "salary": 30000  
5 }
```

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON

```
1 true
```



http://localhost:8080/student

GET



http://localhost:8080/student

Params

Authorization

Headers (8)

Body ●

Scripts

Settings

## Query Params

	Key	Value
	Key	Value

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1  [
2    {
3      "prn": 567,
4      "name": "sujay",
5      "department": "CSE"
6    },
7    {
8      "prn": 609,
9      "name": "pranav",
10     "department": "ELE"
11   }
12 ]
```

Overview

Getting started

GET http://localhost:8080/lib

GET http://localhost:8080



http://localhost:8080/librarian/issue/3/567

GET



http://localhost:8080/librarian/issue/3/567

Params

Authorization

Headers (8)

Body

Scripts

Settings

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

```
1 {  
2   "id": 21865,  
3   "name": "John",  
4   "salary": 30000  
5 }
```

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1 true
```

Overview

Getting started

GET http://localhost:8080/lib

GET http://localhost:8080/st



http://localhost:8080/librarian/issuedBooks

GET



http://localhost:8080/librarian/issuedBooks

Params

Authorization

Headers (8)

Body

Scripts

Settings

Query Params

Key	Value
Key	Value

Body

Cookies

Headers (5)

Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1  [
2    {
3      "pin": 567,
4      "isbn": 3
5    }
6  ]
```