

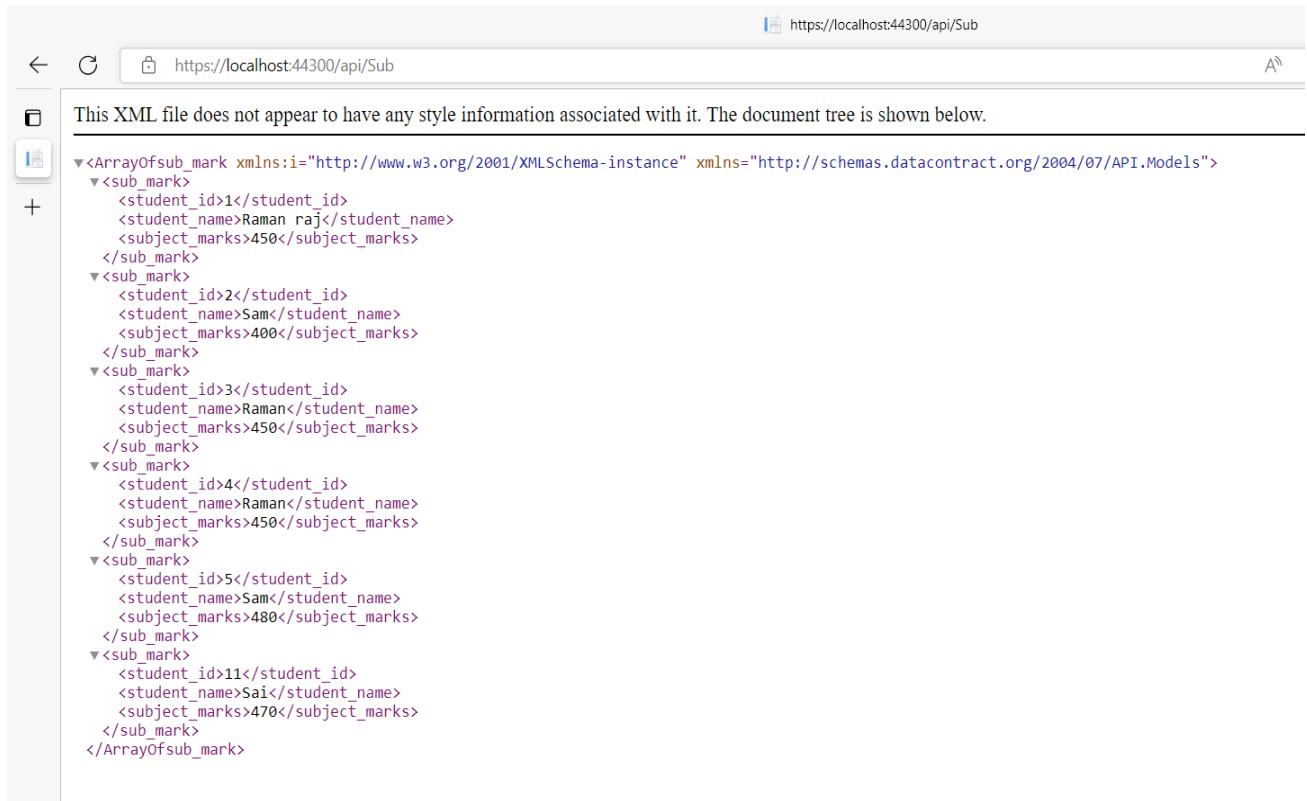
# Practice Project

## ASP.NET WEB API Application

### Output:

### GET:

List of students with their marks:



The screenshot shows a web browser window with the address bar displaying `https://localhost:44300/api/Sub`. The page content indicates that the XML file does not have associated style information, and the document tree is shown below. The XML tree is expanded, revealing an `ArrayOfsub_mark` element containing six `sub_mark` entries. Each entry includes `student_id`, `student_name`, and `subject_marks`.

student_id	student_name	subject_marks
1	Raman raj	450
2	Sam	400
3	Raman	450
4	Raman	450
5	Sam	480
11	Sai	470

# POSTMAN:

## GET:

Home Workspaces API Network Explore Search Postman

Overview GET https://localhost:4435 GET https://localhost:4435 GET https://localhost:4435 GET https://localhost:4435 GET https://localhost:4435 + ...

https://localhost:44300/api/Sub

GET https://localhost:44300/api/Sub

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (10) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   {
3     "student_id": 1,
4     "student_name": "Raman raj",
5     "subject_marks": 450
6   },
7   {
8     "student_id": 2,
9     "student_name": "Sam",
10    "subject_marks": 400
11  },
12  {
13    "student_id": 3,
14    "student_name": "Raman",
15    "subject_marks": 450
16  },
17  {
18    "student_id": 4,
19    "student_name": "Raman",
20    "subject_marks": 450
21  },
22  {
23    "student_id": 5,
24    "student_name": "Sam",
25    "subject_marks": 400
26  },
27  {
28    "student_id": 11,
29    "student_name": "Sai",
30    "subject_marks": 470
31  }
32 }
```

# DELETE:

HomeWorkspacesAPI NetworkExplore

Search Postman

Overview

GET https://localhost:4435GET https://localhost:4435GET https://localhost:4433GET https://localhost:4430DEL https://localhost:4430

+

...

https://localhost:44300/api/Sub/4

DELETE

https://localhost:44300/api/Sub/4

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

Cookies

Headers (10)

Test Results

Pretty

Raw

Preview

Visualize

JSON

Copy

```
1  {
2    {
3      "student_id": 1,
4      "student_name": "Raman raj",
5      "subject_marks": 450
6    },
7    {
8      "student_id": 2,
9      "student_name": "Sam",
10     "subject_marks": 400
11   },
12   {
13     "student_id": 3,
14     "student_name": "Raman",
15     "subject_marks": 450
16   },
17   {
18     "student_id": 4,
19     "student_name": "Raman",
20     "subject_marks": 450
21   },
22   {
23     "student_id": 5,
24     "student_name": "Sam",
25     "subject_marks": 400
26   },
27   {
28     "student_id": 11,
29     "student_name": "Sai",
30     "subject_marks": 470
31   }
32 }
```

## After Deletion:

HomeWorkspaces ▾APINetwork ▾Explore

Q Search Postman

OverviewGET https://localhost:4435GET https://localhost:4435GET https://localhost:4435GET https://localhost:4435GET https://localhost:4435+ ...

https://localhost:44300/api/Sub

GET ▾https://localhost:44300/api/Sub

ParamsAuthorizationHeaders (8)Body ●Pre-request ScriptTestsSettings

Query Params

KEY	VALUE
Key	Value

BodyCookiesHeaders (10)Test Results

PrettyRawPreviewVisualizeJSON ▾

```
1 {
2   {
3     "student_id": 1,
4     "student_name": "Raman raj",
5     "subject_marks": 450
6   },
7   {
8     "student_id": 2,
9     "student_name": "Sam",
10    "subject_marks": 400
11  },
12  {
13    "student_id": 3,
14    "student_name": "Raman",
15    "subject_marks": 450
16  },
17  {
18    "student_id": 5,
19    "student_name": "Sam",
20    "subject_marks": 400
21  },
22  {
23    "student_id": 11,
24    "student_name": "Sai",
25    "subject_marks": 470
26  }
27 }
```

# POST:

HomeWorkspaces ▾API Network ▾Explore

Search Postman

Overview

GET https://localhost:4435 GET https://localhost:4435 GET https://localhost:4433 GET https://localhost:4430 POST https://localhost:4430

https://localhost:44300/api/Sub

POST

https://localhost:44300/api/Sub

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

```
1 [
2   {
3     "student_id": 4,
4     "student_name": "Gita",
5     "subject_marks": 450
6   },
7   {
8     "student_id": 2,
9     "student_name": "Sam",
10    "subject_marks": 400
11  },
12  {
13    "student_id": 3,
14    "student_name": "Raman",
15    "subject_marks": 450
16  },
17  {
18    "student_id": 5,
19    "student_name": "Sam",
20    "subject_marks": 480
21  },
22  {
23    "student_id": 11,
24    "student_name": "Sai",
25    "subject_marks": 470
26  }
27 ]
```

Body

Cookies

Headers (10)

Test Results

Pretty

Raw

Preview

Visualize

JSON

```
1 [
2   {
3     "student_id": 1,
4     "student_name": "Raman raj",
5     "subject_marks": 450
6   },
7   {
8     "student_id": 2,
9     "student_name": "Sam",
10    "subject_marks": 400
11  },
12  {
13    "student_id": 3,
14    "student_name": "Raman",
15    "subject_marks": 450
16  },
17  {
18    "student_id": 5,
19    "student_name": "Sam",
20    "subject_marks": 480
21  },
22  {
23    "student_id": 11,
24    "student_name": "Sai",
25    "subject_marks": 470
26  }
27 ]
```

## Success status code:

The screenshot displays the Postman interface for a REST client. At the top, the navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is present. The main workspace shows a list of requests, with the selected one being a POST request to 'https://localhost:44300/api/Sub'. The request details are visible, including the method 'POST' and the URL 'https://localhost:44300/api/Sub'. The 'Body' tab is active, showing a JSON payload: 

```
{  "student_id": 4,  "student_name": "Gita",  "subject_marks": 350}
```

. The 'Test Results' tab is also visible, showing a 'Status: 200 OK' message, indicating a successful response. The 'Response' tab is active, showing the response body, which is currently empty. The interface includes various utility buttons like 'Send', 'Save', 'Beautify', and 'Raw'.

Overview GET https://localhost:44305 GET https://localhost:44305 GET https://localhost:44309 GET https://localhost:44309 POST https://localhost:44309 + ... No Environment

<https://localhost:44300/api/Sub> Save Send

POST https://localhost:44300/api/Sub Send

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies

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

```
1 {
2   "student_id": 4,
3   "student_name": "Gita",
4   "subject_marks": 350
5 }
```

Body Cookies Headers (9) Test Results Status: 200 OK Time: 277 ms Size: 288 B [Save](#) [Response](#)

Pretty Raw Preview Visualize Text 1

## After Insertion:

The image shows the Postman REST client interface. At the top, there's a navigation bar with 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is on the right. Below this, a list of recent requests is shown, with the selected one being 'GET https://localhost:44300/api/Sub'.

The main panel displays the details of the selected request:

- Method:** GET
- URL:** https://localhost:44300/api/Sub
- Body Type:** JSON
- Body Content:**

```
1 {
2   "student_id": 4,
3   "student_name": "Gita",
4   "subject_marks": 350
5 }
```

Below the request details, the response is shown in the 'Body' tab:

- Response Type:** JSON
- Response Content:**

```
1 [
2   {
3     "student_id": 1,
4     "student_name": "Raman raj",
5     "subject_marks": 450
6   },
7   {
8     "student_id": 2,
9     "student_name": "Sam",
10    "subject_marks": 400
11  },
12  {
13    "student_id": 3,
14    "student_name": "Raman",
15    "subject_marks": 450
16  },
17  {
18    "student_id": 4,
19    "student_name": "Gita",
20    "subject_marks": 350
21  },
22  {
23    "student_id": 5,
24    "student_name": "Sam",
25    "subject_marks": 400
26  }
27 ]
```

# PUT:

The screenshot displays the Postman API client interface. At the top, there is a navigation bar with 'Home', 'Workspaces', 'API Network', and 'Explore' tabs. A search bar labeled 'Search Postman' is also present. Below the navigation bar, the 'Overview' tab is active, showing a list of requests. The selected request is a PUT request to 'https://localhost:44300/api/Sub/4'.

The request details are shown below the URL bar. The method is 'PUT' and the URL is 'https://localhost:44300/api/Sub/4'. The 'Body' tab is selected, showing a JSON body with the following content:

```
1 {
2   "student_id": 4,
3   "student_name": "Gita Angel",
4   "subject_marks": 450
5 }
```

Below the request details, the 'Body' tab is selected, showing the response body. The response is a JSON array of five objects, each representing a student record. The response is formatted as 'Pretty' and 'JSON'.

```
1 [
2   {
3     "student_id": 1,
4     "student_name": "Raman Raj",
5     "subject_marks": 450
6   },
7   {
8     "student_id": 2,
9     "student_name": "Sam",
10    "subject_marks": 400
11  },
12  {
13    "student_id": 3,
14    "student_name": "Raman",
15    "subject_marks": 450
16  },
17  {
18    "student_id": 4,
19    "student_name": "Gita",
20    "subject_marks": 350
21  },
22  {
23    "student_id": 5,
24    "student_name": "Sam",
25    "subject_marks": 400
26  },
27 ]
```



## Success Status Code:

The screenshot displays the Postman interface for a REST client. At the top, the navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. A search bar labeled 'Search Postman' is present. The main workspace shows a collection of requests, with the current one being a PUT request to 'https://localhost:44300/api/Sub/4'. The request body is a JSON object: 

```
{  "student_id": 4,  "student_name": "Gita Angel",  "subject_marks": 450}
```

. The bottom section shows the response, which is a status of 200 OK, indicating a successful operation. The response is displayed in 'Pretty' format. The status bar at the bottom right shows 'Status: 200 OK', 'Time: 19 ms', and 'Size: 288 B'.

Home Workspaces API Network Explore Search Postman

Overview GET https://localhost:4435 GET https://localhost:4435 GET https://localhost:4439 GET https://localhost:4430 PUT https://localhost:4430 + ... No Environment

https://localhost:44300/api/Sub/4 Save

PUT https://localhost:44300/api/Sub/4 Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Beautify

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "student_id": 4,
3   "student_name": "Gita Angel",
4   "subject_marks": 450
5 }
```

Body Cookies Headers (9) Test Results

Pretty Raw Preview Visualize Text

1

Status: 200 OK Time: 19 ms Size: 288 B Save Response

## After Updation:

The image shows the Postman interface with a GET request to `https://localhost:44300/api/Sub`. The request body is a JSON array of 5 student records. The response is displayed in the 'Body' tab, showing a JSON array of 5 student records.

**Request:**

```
GET https://localhost:44300/api/Sub
```

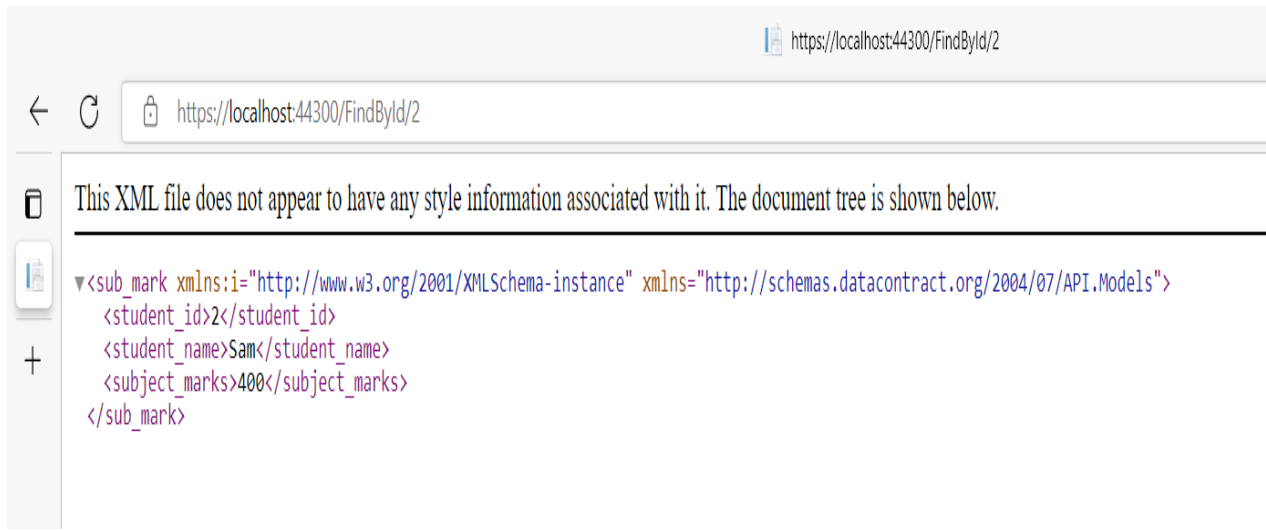
**Body:**

```
[{"student_id": 1, "student_name": "Raman raj", "subject_marks": 450}, {"student_id": 2, "student_name": "Sam", "subject_marks": 400}, {"student_id": 3, "student_name": "Raman", "subject_marks": 450}, {"student_id": 4, "student_name": "Gita Angel", "subject_marks": 450}, {"student_id": 5, "student_name": "Sam", "subject_marks": 400}]
```

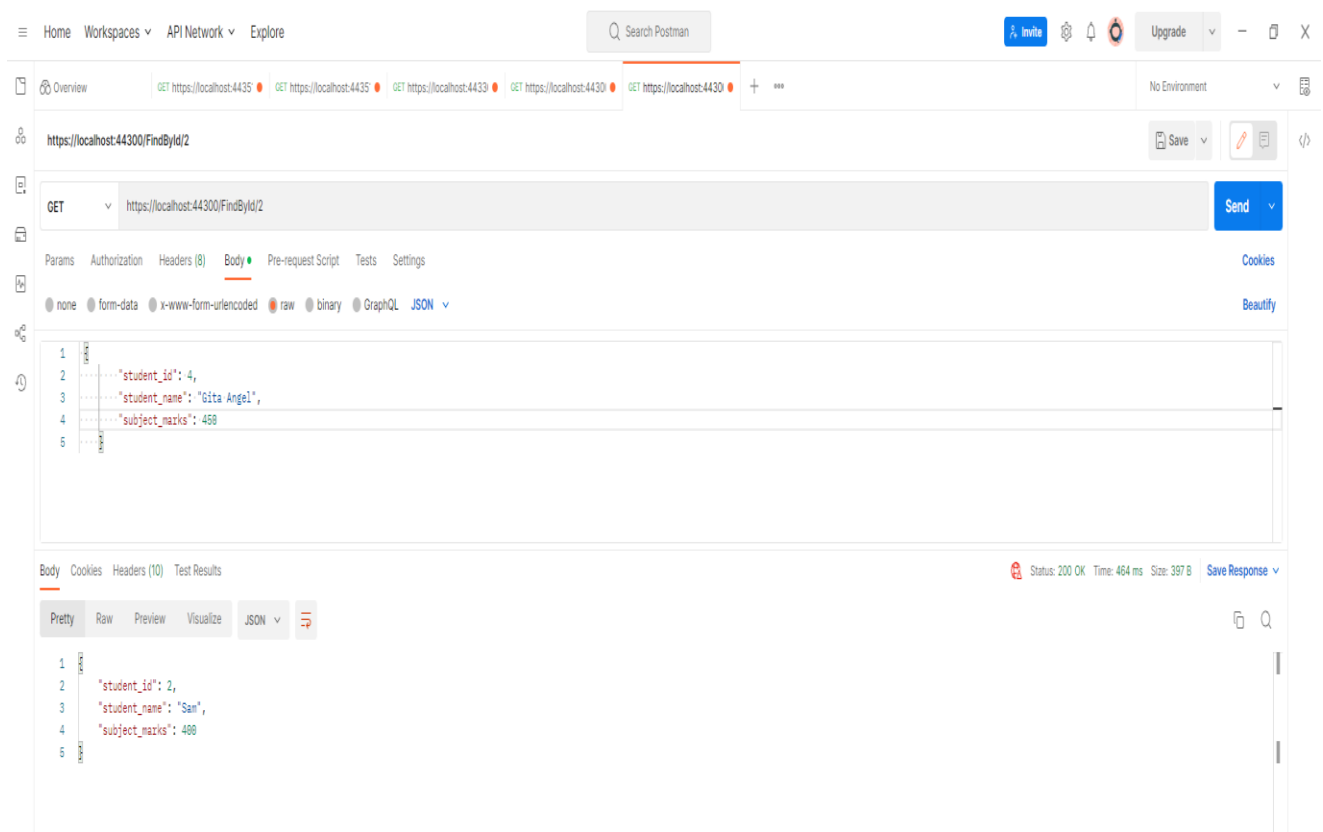
**Response:**

```
[{"student_id": 1, "student_name": "Raman raj", "subject_marks": 450}, {"student_id": 2, "student_name": "Sam", "subject_marks": 400}, {"student_id": 3, "student_name": "Raman", "subject_marks": 450}, {"student_id": 4, "student_name": "Gita Angel", "subject_marks": 450}, {"student_id": 5, "student_name": "Sam", "subject_marks": 400}]
```

## Find By ID:



## In POSTMAN:



## Index:

Index - My ASP.NET Application

https://localhost:44303/mark/Index

Not syncing

Application nameHomeAboutContact

Index

Create New

student_id	student_name	subject_marks	
1	Raman raj	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
2	Sam	400	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
3	Raman	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
4	Gita Angel	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
5	Sam	480	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
10	Gita	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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## Create:

Create - My ASP.NET Application

https://localhost:44303/mark/Create

Application nameHomeAboutContact

Create

mark

student\_id

student\_name

subject\_marks

Create

[Back to List](#)

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Create - My ASP.NET Application

←

↺

🔒 https://localhost:44303/mark/Create

📄

Application name

Home

About

Contact

📄

+

Create

mark

student\_id

11

student\_name

RajaRam

subject\_marks

300

Create

[Back to List](#)

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## List of student with marks:

Index - My ASP.NET Application

←

↺

🔒 https://localhost:44303/mark

A 🔍 ⚙️ ↺ ⌘ 📌 Not syncing

📄

Application name

Home

About

Contact

📄

+

Index

[Create New](#)

student_id	student_name	subject_marks	
1	Raman raj	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
2	Sam	400	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
3	Raman	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
4	Gita Angel	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
5	Sam	480	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
10	Gita	450	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>
11	RajaRam	300	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

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