

## Output for Create an ASP.NET WEB API Application to Add Subject Marks to Students and View Their Marks

The screenshot displays the Swagger UI for an ASP.NET Web API application named 'PracticeProject9 v1'. The interface shows a list of endpoints under the 'Subjects' category. The endpoints are:

- GET /api/Subjects
- POST /api/Subjects
- GET /api/Subjects/{id}
- PUT /api/Subjects/{id}
- DELETE /api/Subjects/{id}

The 'POST /api/Subjects' endpoint is selected, and the 'Execute' button is visible. The 'Parameters' section shows 'No parameters'. The 'Responses' section shows the 'Curl' command and the 'Request URL'.

```
curl -X 'GET' \
  'https://localhost:7114/api/Subjects' \
  -H 'accept: text/plain'
```

Request URL: https://localhost:7114/api/Subjects

Server response:

Server response

Code Details

200

Response body

```
[
  {
    "id": 1,
    "studentId": 101,
    "studentName": "Sindhu",
    "subjectId": 1,
    "subjectName": "Chemistry",
    "subjectMark": 90
  },
  {
    "id": 2,
    "studentId": 103,
    "studentName": "Reshu",
    "subjectId": 2,
    "subjectName": "Maths",
    "subjectMark": 45
  },
  {
    "id": 3,
    "studentId": 105,
    "studentName": "Varma",
    "subjectId": 3,
    "subjectName": "Physics",
    "subjectMark": 50
  }
]
```

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 07 Sep 2023 13:55:09 GMT
server: Kestrel
```

POST /api/Subjects

GET /api/Subjects/{id}

Parameters

Name Description

id \* required  
integer(\$int32)  
(path)

2

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7114/api/Subjects/2' \
  -H 'accept: text/plain'
```

Swagger UI interface showing a successful GET request to `localhost:7114/api/Subjects/2`. The response is a JSON object with details for a student named Reshu, who has a subject mark of 45 in Maths.

**Curl**

```
curl -X 'GET' \
  'https://localhost:7114/api/Subjects/2' \
  -H 'accept: text/plain'
```

**Request URL**

```
https://localhost:7114/api/Subjects/2
```

**Server response**

**Code** 200 **Details**

**Response body**

```
{
  "id": 2,
  "studentId": 103,
  "studentName": "Reshu",
  "subjectId": 2,
  "subjectName": "Maths",
  "subjectMark": 45
}
```

**Response headers**

```
content-type: application/json; charset=utf-8
date: Thu, 07 Sep 2023 13:55:41 GMT
server: Kestrel
```

**Responses**

Code	Description	Links
200		

```
[{"id":1,"studentId":101,"studentName":"Sindhu","subjectId":1,"subjectName":"Chemistry","subjectMark":90},
{"id":2,"studentId":103,"studentName":"Reshu","subjectId":2,"subjectName":"Maths","subjectMark":45},
{"id":3,"studentId":105,"studentName":"Varma","subjectId":3,"subjectName":"Physics","subjectMark":50}]
```

Windows taskbar showing the search bar, task view button, and several open applications including WhatsApp, a PDF viewer, and a web browser. The system clock indicates 7:26 PM on 9/7/2023.