

Lab2- WebApi_Handson

1) Program.cs:

Swagger UI for Swagger Demo (v1, OAS 3.0). The interface displays the API definition for the 'Values' endpoint. The 'Responses' section shows the cURL command for the GET endpoint, the request URL, and the server response. The response is a 200 OK with a JSON body: {"value1", "value2"}. The response headers include content-type: application/json; charset=utf-8, date: Thu, 10 Jul 2025 08:06:57 GMT, and server: Kestrel.

2) Using Postman to test Web API

Postman interface showing a GET request to `https://localhost:7041/api/Values`. The request is configured with the method GET and the URL `https://localhost:7041/api/Values`. The 'Send' button is visible. The 'Body' tab is selected, showing the JSON response: `{"value1", "value2"}`. The status bar indicates a 200 OK response with a response time of 169 ms and a body size of 167 B.

3) Modifying the Controller name in the Route attribute of the Values controller to 'Emp' and checking its access thru POSTMAN

The image shows the Swagger UI for a 'Swagger Demo' application. The top navigation bar includes the Swagger logo, a 'Select a definition' dropdown set to 'Swagger Demo', and a 'v1.0.0' version indicator. The main content area is titled 'Values' and shows the endpoint 'GET /api/emp'. Under the 'Parameters' tab, it states 'No parameters'. Below this is an 'Execute' button and a 'Clear' button. The 'Responses' section shows a '200' status code with a 'Response body' containing a JSON object:

```
{  "value1": 1,  "value2": 2}
```

. The 'Response headers' section lists:

```
content-type: application/json; charset=utf-8, date: Thu, 19 Jul 2024 08:36:38 GMT, server: Kestrel
```

. At the bottom, there is a 'Media type' dropdown set to 'text/plain' and an 'Example Value' field containing

```
{  "string": "string"}
```

.

The image shows the Postman interface with a request set to 'GET https://localhost:7041/api/emp'. The 'Params' tab is active, showing a table with two columns: 'Key' and 'Value'. The 'Body' tab is also active, showing a JSON response:

```
{  "value1": 1,  "value2": 2}
```

. The status bar at the bottom indicates a '200 OK' response with a response time of '10 ms' and a body size of '167 B'.