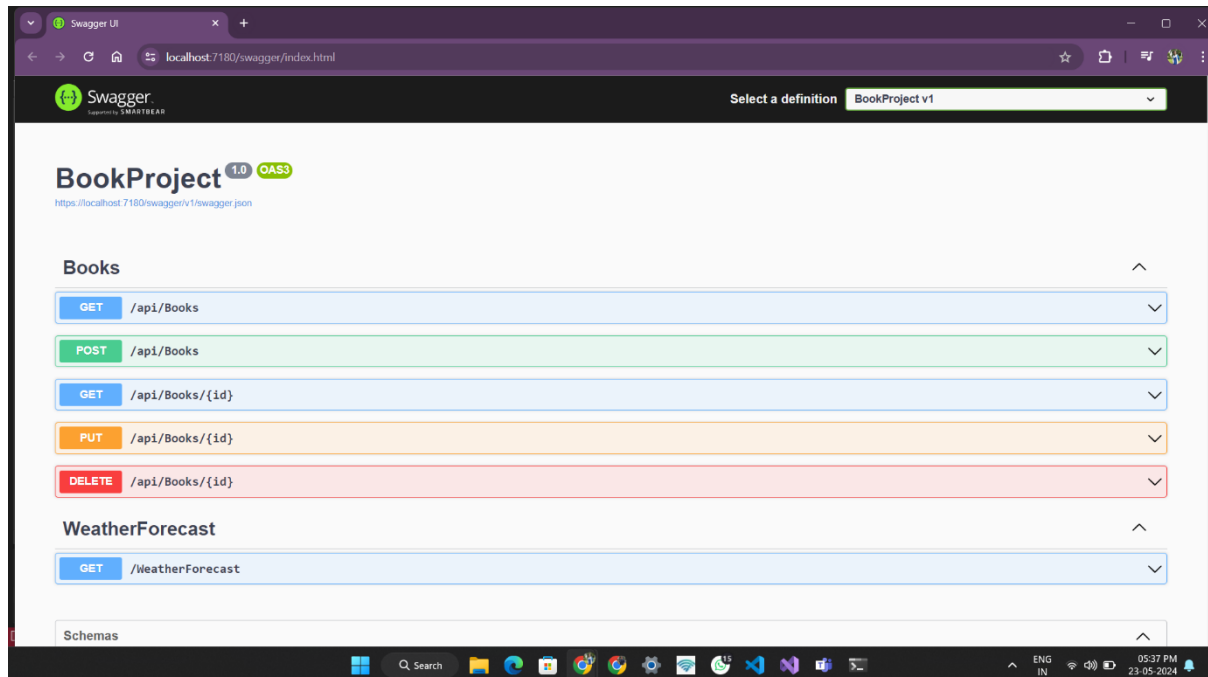


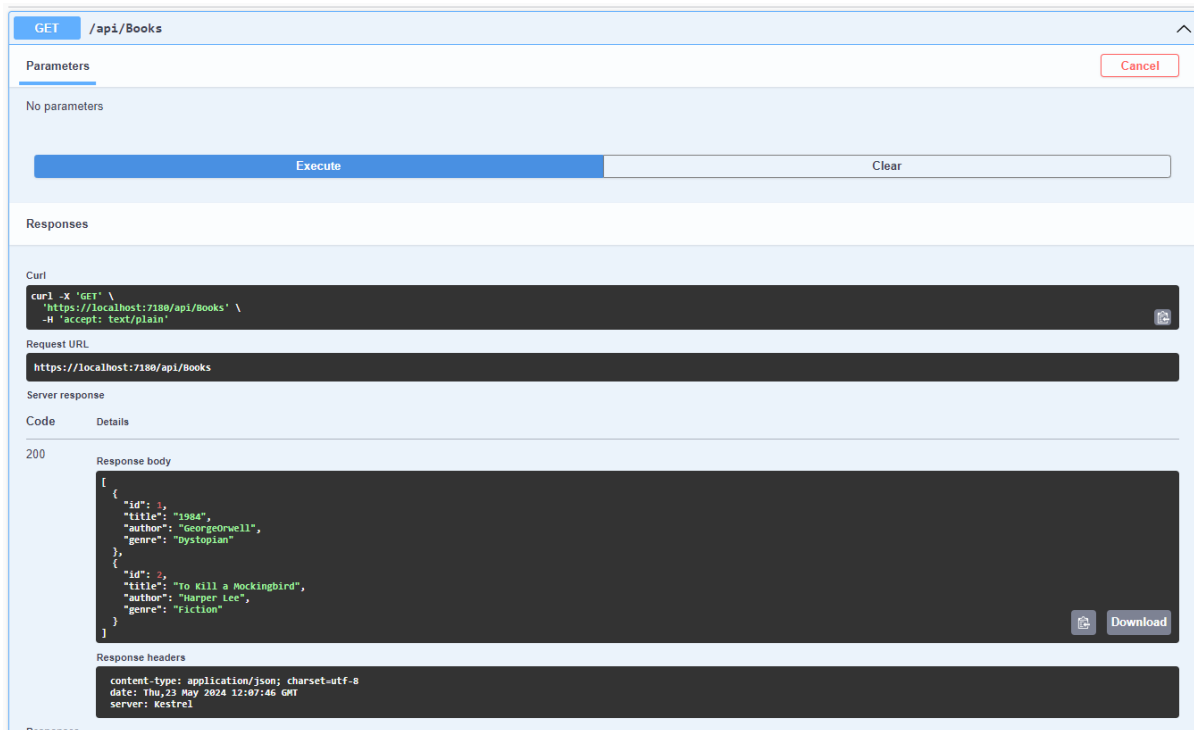
Day 3: Introduction to .NET Date (22-May-24)

Swagger Web Api



Methods

1. GET Method



2. POST Method

The screenshot displays a REST client interface with two panels. The top panel is for a POST request to `/api/Books`. The request body is a JSON object: `{ "id": 10, "title": "string", "author": "string", "genre": "string" }`. The bottom panel shows the response, which is a 201 status code with a JSON body: `{ "id": 10, "title": "string", "author": "string", "genre": "string" }`. The response headers include `content-type: application/json; charset=utf-8`, `date: Thu, 23 May 2024 12:00:44 GMT`, `location: https://localhost:7180/api/Books/10`, and `server: Kestrel`.

POST /api/Books

Parameters: No parameters

Request body: application/json

```
{
  "id": 10,
  "title": "string",
  "author": "string",
  "genre": "string"
}
```

Execute Clear

Responses

Curl

```
curl -X 'POST' \
  'https://localhost:7180/api/Books' \
  -H 'accept: text/plain' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 10,
    "title": "string",
    "author": "string",
    "genre": "string"
  }'
```

Request URL: `https://localhost:7180/api/Books`

Server response

Code: 201 Details: Undocumented

Response body

```
{
  "id": 10,
  "title": "string",
  "author": "string",
  "genre": "string"
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 23 May 2024 12:00:44 GMT
location: https://localhost:7180/api/Books/10
server: Kestrel

GET /api/Books



Parameters: No parameters



Execute Clear



Responses



Curl



```
curl -X 'GET' \
 'https://localhost:7180/api/Books' \
 -H 'accept: text/plain'
```



Request URL: https://localhost:7180/api/Books



Server response



Code: 200 Details: Undocumented



Response body



```
{
 "id": 1,
 "title": "1984",
 "author": "George Orwell",
 "genre": "Dystopian"
},
{
 "id": 2,
 "title": "To Kill a Mockingbird",
 "author": "Harper Lee",
 "genre": "Fiction"
},
{
 "id": 10,
 "title": "string",
 "author": "string",
 "genre": "string"
}
}
```



Response headers



```
content-type: application/json; charset=utf-8
date: Thu, 23 May 2024 12:00:52 GMT
server: Kestrel

Responses

Code	Description	Links
200	Success	No links


```


```

3. GET (with arguments) Method

GET /api/Books/{id}

Parameters Cancel

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="1"/>

Execute **Clear**

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7180/api/Books/1' \
  -H 'accept: text/plain'
```

Request URL

```
https://localhost:7180/api/Books/1
```

Server response

Code **Details**

200

Response body

```
{
  "id": 1,
  "title": "1984",
  "author": "George Orwell",
  "genre": "Dystopian"
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 23 May 2024 12:09:57 GMT
server: Kestrel
```

Responses

Code	Description	Links
200	Success	No links

4. PUT Method

PUT /api/Books/{id}

Parameters Cancel Reset

Name	Description
id * required integer(\$int32) (path)	<input type="text" value="1"/>

Request body application/json

```
{
  "id": 1,
  "title": "Rishi skjchladskjhc",
  "author": "string",
  "genre": "string"
}
```

Execute **Clear**

Responses

Curl

```
curl -X 'PUT' \
  'https://localhost:7180/api/Books/1' \
  -H 'accept: */*\' \
  -H 'Content-Type: application/json' \
  -d '{
    "id": 1,
    "title": "Rishi skjchladskjhc",
    "author": "string",
    "genre": "string"
  }'
```

Request URL

```
https://localhost:7180/api/Books/1
```

Server response

Code **Details**

204
Undocumented

Response headers

```
date: Thu, 23 May 2024 12:10:46 GMT
server: Kestrel
```

Books

GET /api/Books

Parameters

No parameters

Execute Clear

Responses

Curl

```
curl -X 'GET' \
  'https://localhost:7180/api/Books' \
  -H 'accept: text/plain'
```

Request URL

https://localhost:7180/api/Books

Server response

Code Details

200

Response body

```
{
  "id": 1,
  "title": "Rishi skjebbladskjbc",
  "author": "Rishi",
  "genre": "string",
},
{
  "id": 2,
  "title": "To Kill a Mockingbird",
  "author": "Harper Lee",
  "genre": "Fiction"
},
{
  "id": 10,
  "title": "string",
  "author": "string",
  "genre": "string"
}
```

Response headers

```
content-type: application/json; charset=utf-8
date: Thu, 23 May 2024 12:11:18 GMT
server: Kestrel
```

Responses

Code	Description	Links
200		No links

5. GET (with arguments) Method

DELETE /api/Books/{id}

Parameters

Name Description

id * required
integer(\$int32) 10
(path)

Execute Clear

Responses

Curl

```
curl -X 'DELETE' \
  'https://localhost:7180/api/Books/10' \
  -H 'accept: */*'
```

Request URL

https://localhost:7180/api/Books/10

Server response

Code Details

204
Undocumented

Response headers

```
date: Thu, 23 May 2024 12:11:56 GMT
server: Kestrel
```

Responses

Code	Description	Links
200	Success	No links

The screenshot displays a REST client interface with the following sections:

- GET /api/Books**: The endpoint being tested.
- Parameters**: A section with a "Cancel" button and the text "No parameters".
- Execute**: A blue button to execute the request, followed by a "Clear" button.
- Responses**: A section containing:
 - Curl**: A text box with the command: `curl -X 'GET' \ 'https://localhost:7180/api/Books' \ -H 'accept: text/plain'`.
 - Request URL**: A text box showing `https://localhost:7180/api/Books`.
 - Server response**: A section with a "Code" tab (selected) and a "Details" tab. The "Code" tab shows a status code of **200**.
 - Response body**: A text box displaying a JSON array of two book objects:

```
{
  "id": 1,
  "title": "Rishi skjchladskjbc",
  "author": "string",
  "genre": "string"
},
{
  "id": 2,
  "title": "To Kill a Mockingbird",
  "author": "H Harper Lee",
  "genre": "Fiction"
}
```

There is a "Download" button next to the response body.
 - Response headers**: A text box showing the following headers:

```
content-type: application/json; charset=utf-8
date: Thu, 23 May 2024 12:12:10 GMT
server: Kestrel
```