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Github :

https://github.com/mohit-dotnet-pune/Mohit-Dotnet-Pune-Task21_Microservices-14-11-2025.git

Screen shots :

The screenshot shows a REST API tool interface. At the top, a blue bar indicates a **GET** request to the endpoint **/api/Course**. Below this, there's a "Parameters" section which is currently empty. On the right side of the interface, there are "Cancel" and "Execute" buttons. Under the "Responses" section, there's a "Curl" code block:

```
curl -X 'GET' \
'http://localhost:5239/api/Course' \
-H 'accept: text/plain'
```

Below the curl block is a "Request URL" field containing `http://localhost:5239/api/Course`. Under the "Server response" section, there are tabs for "Code" and "Details". The "Code" tab is selected, showing a status of 200. The "Details" tab is also present. Under the 200 status, there's a "Response body" section containing JSON data:

```
[{"id": 1, "title": "Microservices Architecture", "instructor": "Dr. Allen", "credits": 4}, {"id": 2, "title": "Cloud Computing", "instructor": "Prof. Smith", "credits": 3}, {"id": 3, "title": "Data Structures", "instructor": "Dr. Lee", "credits": 4}]
```

On the far right of the interface, there are buttons for "Activate Windows", "Go to Settings to activate", "Download", and "Cancel".

This screenshot shows another REST API tool interface, similar to the one above. It has a blue header bar indicating a **GET** request to the endpoint **/api/Course/{id}**. In the "Parameters" section, there is a single required parameter named "id" with a value of "1". There are "Cancel" and "Execute" buttons on the right. The "Responses" section includes a "Curl" code block:

```
curl -X 'GET' \
'http://localhost:5239/api/Course/1' \
-H 'accept: text/plain'
```

Below the curl block is a "Request URL" field containing `http://localhost:5239/api/Course/1`. Under the "Server response" section, there are "Code" and "Details" tabs. The "Code" tab is selected, showing a status of 200. The "Details" tab is also present. Under the 200 status, there's a "Response body" section containing JSON data:

```
{"id": 1, "title": "Microservices Architecture", "instructor": "Dr. Allen", "credits": 4}
```

On the far right, there are buttons for "Activate Windows", "Go to Settings to activate", "Download", and "Cancel".

POST /api/Enrollment

Parameters

No parameters

Request body

application/json

```
{
  "studentId": 1,
  "studentName": "Mahesh",
  "courseId": 1
}
```

Execute **Clear**

Responses

Curl

```
curl -X 'POST' \
'http://localhost:5176/api/Enrollment' \
-H 'accept: text/plain' \
-H 'Content-Type: application/json' \
-d '{
  "studentId": 1,
  "studentName": "Mahesh",
  "courseId": 1
}'
```

Request URL

http://localhost:5176/api/Enrollment

Server response

Code **Details**

200

Response body

```
{
  "id": 1,
  "studentId": 1,
  "studentName": "Mahesh",
  "courseId": 1,
  "courseTitle": "Microservices Architecture"
}
```

Download

Response headers

```
content-type: application/json; charset=utf-8
date: Fri, 14 Nov 2015 12:01:54 GMT
server: Kestrel
transfer-encoding: chunked
```

GET /api/Enrollment

Parameters

No parameters

Execute **Clear**

Responses

Curl

```
curl -X 'GET' \
'http://localhost:5176/api/Enrollment' \
-H 'accept: text/plain'
```

Request URL

http://localhost:5176/api/Enrollment

Server response

Code **Details**

200

Response body

```
{
  {
    "id": 1,
    "studentId": 1,
    "studentName": "Mahesh",
    "courseId": 1,
    "courseTitle": "Microservices Architecture"
  }
}
```

Download

Response headers

```
content-type: application/json; charset=utf-8
date: Fri, 14 Nov 2015 12:02:33 GMT
server: Kestrel
transfer-encoding: chunked
```

```
localhost:5184/courses
Pretty-print ✓
```

```
[  
  {"id": 1,  
   "title": "Microservices Architecture",  
   "instructor": "Dr.Allen",  
   "credits": 4  
,  
 [  
  {"id": 2,  
   "title": "Cloud Computing",  
   "instructor": "Prof.Smith",  
   "credits": 3  
,  
 [  
  {"id": 3,  
   "title": "Data Structures",  
   "instructor": "Dr.Lee",  
   "credits": 4  
}]
```

```
localhost:5184/courses/1
Pretty-print ✓
```

```
{  
  "id": 1,  
  "title": "Microservices Architecture",  
  "instructor": "Dr.Allen",  
  "credits": 4  
}
```

```
localhost:5184/enrollment
Pretty-print ✓
```

```
[  
  {  
    "id": 1,  
    "studentId": 1,  
    "studentName": "Mahesh",  
    "courseId": 1,  
    "courseTitle": "Microservices Architecture"  
  }  
]
```