**Name :- Shriyash Anil Rajput**
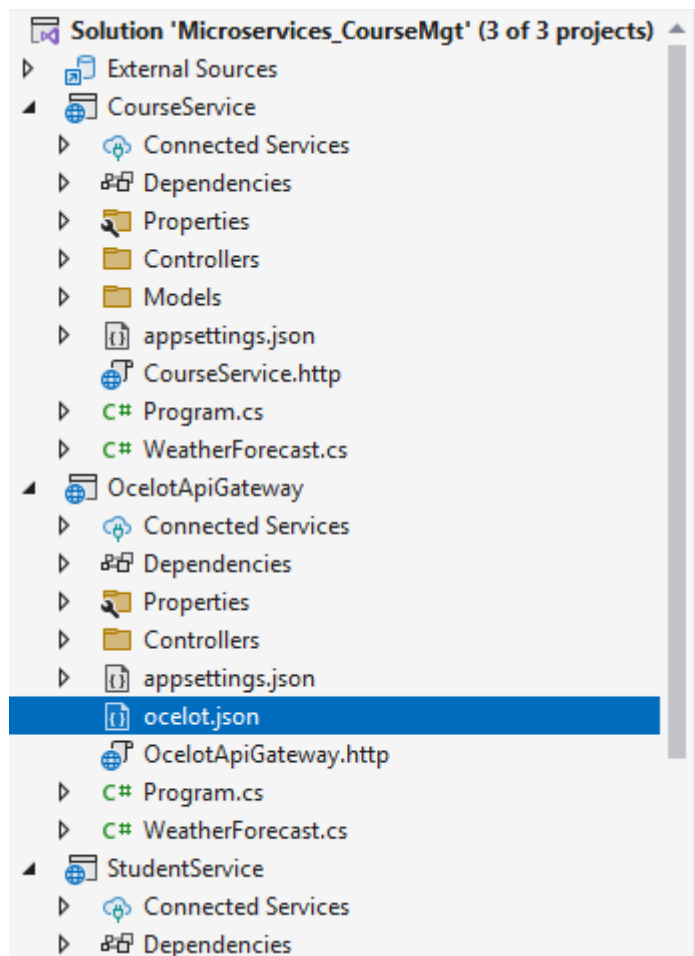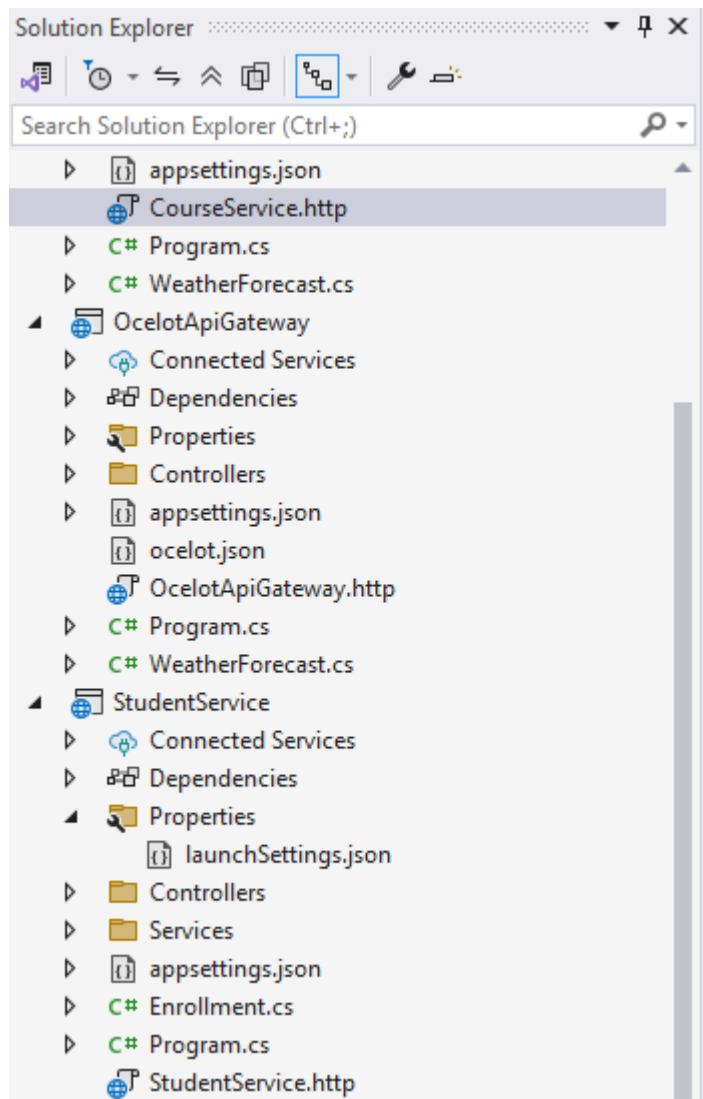
Screenshot of Output:- https://github.com/shriyash-dotnet-pune/Microservices_CourseMgt

Solution Explorer

Search Solution Explorer (Ctrl+;)

- ▷ {} appsettings.json
- CourseService.http
- ▷ C# Program.cs
- ▷ C# WeatherForecast.cs
- ▲ OcelotApiGateway
  - ▷ Connected Services
  - ▷ Dependencies
  - ▷ Properties
  - ▷ Controllers
  - ▷ {} appsettings.json
  - {} ocelot.json
  - OcelotApiGateway.http
  - ▷ C# Program.cs
  - ▷ C# WeatherForecast.cs
- ▲ StudentService
  - ▷ Connected Services
  - ▷ Dependencies
  - ▲ Properties
    - {} launchSettings.json
  - ▷ Controllers
  - ▷ Services
  - ▷ {} appsettings.json
  - ▷ C# Enrollment.cs
  - ▷ C# Program.cs
  - StudentService.http

GET /api/Course

**Parameters**

No parameters

| Execute | Clear |

**Responses**

Curl

```
curl -X 'GET' \
  'http://localhost:5108/api/Course' \
  -H 'accept: */*'
```

**Request URL**

```
http://localhost:5108/api/Course
```

**Server response**

| Code | Details |
| --- | --- |
| 200 | Response body |

**Server response**

| Code | Details |
| --- | --- |
| 200 | Response body |

```json
[
  {
    "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
  }
]
```

Response headers

```
content-type: application/json; charset=utf-8
date: Fri,14 Nov 2025 08:45:25 GMT
server: Kestrel
transfer-encoding: chunked
```

**Responses**

| Code | Description |
| --- | --- |
| 200 | OK |

**GET** /api/Course/{id}

**Parameters**

| Name | Description |
|------|-------------|
| **id** * required<br>**integer($int32)**<br>(path) | 1 |

Execute | Clear

**Responses**

Curl

```
curl -X 'GET' \
  'http://localhost:5108/api/Course/1' \
  -H 'accept: */*'
```

Request URL

```
http://localhost:5108/api/Course/1
```

Server response

---

**POST** /api/Student

**Parameters**

| Name | Description |
|------|-------------|
| **studentId**<br>integer($int32)<br>(query) | 2 |
| **studentName**<br>string<br>(query) | Shriyash |
| **courseId**<br>integer($int32)<br>(query) | 1 |

Execute | Clear

**Responses**

Curl

```
curl -X 'POST' \
  'http://localhost:5230/api/Student?studentId=2&studentName=Shriyash&courseId=1' \
  -H 'accept: */*' \
  -d ''
```

**Request URL**

```
http://localhost:5230/api/Student?studentId=2&studentName=Shriyash&courseId=1
```

**Server response**

| Code | Details |
|------|---------|
| 200  | **Response body** |

```
{
  "id": 2,
  "studentId": 2,
  "studentName": "Shriyash",
  "courseId": 1,
  "courseTitle": "Microservices Architecture"
}
```

**Response headers**

```
content-type: application/json; charset=utf-8
date: Fri,14 Nov 2025 08:54:22 GMT
server: Kestrel
transfer-encoding: chunked
```

**Responses**

| Code | Description |
|------|-------------|
| 200  | OK |

---

**GET** /api/Student/{id}

**Parameters**

| Name | Description |
|------|-------------|
| id * required integer($int32) (path) | 1 |

**Execute**    **Clear**

**Responses**

**Curl**

```
curl -X 'GET' \
  'http://localhost:5230/api/Student/1' \
  -H 'accept: */*'
```

**Request URL**

```
http://localhost:5230/api/Student/1
```

**Server response**

```
http://localhost:5230/api/Student/1
```
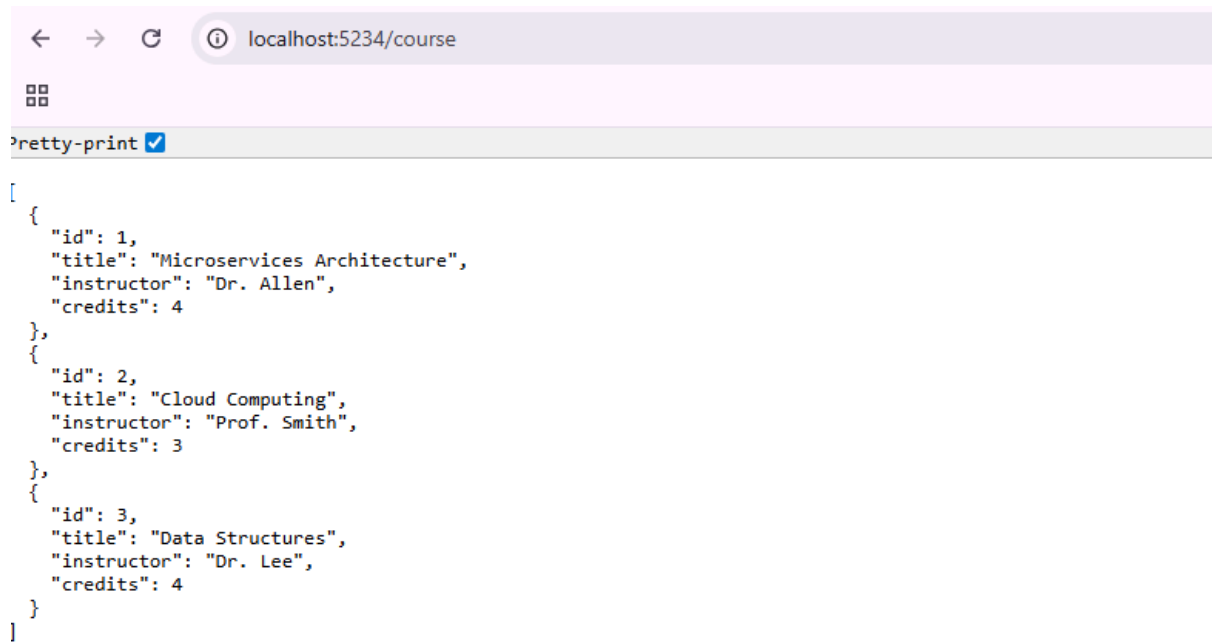
**Server response**

| Code | Details |
|------|---------|
| 200 | **Response body** |

```
{
  "id": 1,
  "studentId": 1,
  "studentName": "gbhnj",
  "courseId": 2,
  "courseTitle": "Cloud Computing"
}
```

**Response headers**

```
content-type: application/json; charset=utf-8
date: Fri,14 Nov 2025 08:56:33 GMT
server: Kestrel
transfer-encoding: chunked
```
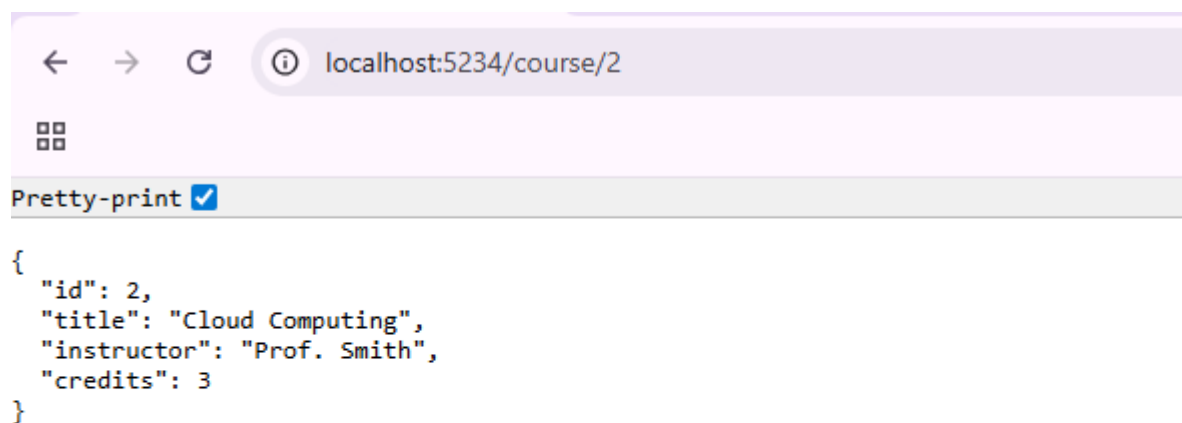
**Responses**

| Code | Description |
|------|-------------|
| 200 | OK |

## WeatherForecast

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Pretty-print ✅

```json
[
  {
    "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
  }
]
```

⊞⊞

Pretty-print ✅

```json
{
  "id": 2,
  "title": "Cloud Computing",
  "instructor": "Prof. Smith",
  "credits": 3
}
```

Pretty-print ✅

```
[
    {
        "id": 1,
        "studentId": 1,
        "studentName": "gbhnj",
        "courseId": 2,
        "courseTitle": "Cloud Computing"
    },
    {
        "id": 2,
        "studentId": 2,
        "studentName": "Shriyash",
        "courseId": 1,
        "courseTitle": "Microservices Architecture"
    }
]
```

Pretty-print ✅