

# JURNAL\_MODUL\_9

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Hasil Run:  
Sebelum input data

```
Response body
{
  "title": "The Shawshank Redemption",
  "director": "Frank Darabont",
  "stars": [
    "Tim Robbins",
    "Morgan Freeman"
  ],
  "description": "Two imprisoned men bond over a number of years."
},
{
  "title": "The Godfather",
  "director": "Francis Ford Coppola",
  "stars": [
    "Marlon Brando",
    "Al Pacino"
  ],
  "description": "The aging patriarch of an organized crime dynasty transfers control to his reluctant son."
},
{
  "title": "The Dark Knight",
  "director": "Christopher Nolan",
  "stars": [
    "Christian Bale",
    "Heath Ledger"
  ],
  "description": "Batman faces the Joker, a criminal mastermind."
}
]

Response headers
content-type: application/json; charset=utf-8
date: Thu, 22 May 2025 08:15:30 GMT
server: Kestrel
```

Setelah input data

```
Response body
},
{
  "title": "The Godfather",
  "director": "Francis Ford Coppola",
  "stars": [
    "Marlon Brando",
    "Al Pacino"
  ],
  "description": "The aging patriarch of an organized crime dynasty transfers control to his reluctant son."
},
{
  "title": "The Dark Knight",
  "director": "Christopher Nolan",
  "stars": [
    "Christian Bale",
    "Heath Ledger"
  ],
  "description": "Batman faces the Joker, a criminal mastermind."
},
{
  "title": "Dexter",
  "director": "John Dahl",
  "stars": [
    "Michael C. Hall plays the title role on Dexter"
  ],
  "description": "Dexter is an American crime drama television series that aired on Showtime from October 1, 2006, to September 22, 2013"
}
]

Response headers
content-type: application/json; charset=utf-8
date: Thu, 22 May 2025 08:18:50 GMT
server: Kestrel
```

Source code:

## 1. Models/Movie.cs

```
namespace jurnal9_2311104059.Models
{
    public class Movie
    {
        public string Title { get; set; }
        public string Director { get; set; }
        public List<string> Stars { get; set; }
        public string Description { get; set; }

        public Movie() { }
    }
}
```

## 2. Controlers/MovieController.cs

```
using jurnal9_2311104059.Models;
using Microsoft.AspNetCore.Mvc;

namespace jurnal9_2311104059.Controllers
{
}
```

```

[ApiController]
[Route("api/[controller]")]
public class MoviesController : ControllerBase
{
    private static List<Movie> movies = new List<Movie>
    {
        new Movie
        {
            Title = "The Shawshank Redemption",
            Director = "Frank Darabont",
            Stars = new List<string> { "Tim Robbins", "Morgan Freeman" },
            Description = "Two imprisoned men bond over a number of years."
        },
        new Movie
        {
            Title = "The Godfather",
            Director = "Francis Ford Coppola",
            Stars = new List<string> { "Marlon Brando", "Al Pacino" },
            Description = "The aging patriarch of an organized crime
dynasty transfers control to his reluctant son."
        },
        new Movie
        {
            Title = "The Dark Knight",
            Director = "Christopher Nolan",
            Stars = new List<string> { "Christian Bale", "Heath Ledger"
        },
            Description = "Batman faces the Joker, a criminal mastermind."
        }
    };

    [HttpGet]
    public ActionResult<IEnumerable<Movie>> GetMovies() => movies;

    [HttpGet("{id}")]
    public ActionResult<Movie> GetMovie(int id)
    {
        if (id < 0 || id >= movies.Count)
            return NotFound();
        return movies[id];
    }

    [HttpPost]
    public ActionResult<Movie> AddMovie([FromBody] Movie movie)
    {
        movies.Add(movie);
        return CreatedAtAction(nameof(GetMovie), new { id = movies.Count
- 1 }, movie);
    }

    [HttpDelete("{id}")]
    public IActionResult DeleteMovie(int id)
    {
        if (id < 0 || id >= movies.Count)
            return NotFound();
        movies.RemoveAt(id);
        return NoContent();
    }
}

```