

Coding (or Script) - 3

...I_App_Ken\WebAPI_App_Ken\Controllers\ApiController.cs 1

```
using System.Data;
using System.Data.SqlClient;
using System.Web.Http;
using Microsoft.AspNetCore.Mvc;
using Microsoft.Extensions.Configuration;
using HttpGetAttribute = System.Web.Http.HttpGetAttribute;

namespace WebAPI_App_Ken.Controllers
{
    using Microsoft.AspNetCore.Mvc;
    using System.Data;
    using System.Data.SqlClient;
    using Microsoft.Extensions.Configuration;

    [Route("api/[controller]")] // Attribute routing at class level
    [ApiController]
    public class MoviesController : ControllerBase
    {
        private readonly string _connectionString;

        public MoviesController(IConfiguration configuration)
        {
            _connectionString = configuration.GetConnectionString(
                "MoviesDBConnection");
        }

        [HttpGet] // Attribute routing for the Get action

        public IActionResult Get()
        {
            var dt = new DataTable();
            using (var conn = new SqlConnection(_connectionString))
            {
                conn.Open();
                var cmd = new SqlCommand("SELECT * FROM tblMovie", conn);
                using (var adapter = new SqlDataAdapter(cmd))
                {
                    adapter.Fill(dt);
                }
            }

            // Convert DataTable to a list of dictionaries
            var result = new List<Dictionary<string, object>>();
            foreach (DataRow row in dt.Rows)
            {
                var rowDict = dt.Columns.Cast<DataColumn>()
                    .ToDictionary(col => col.ColumnName, col => row[col]);
                result.Add(rowDict);
            }
        }
    }
}
```

```
    }  
    return Ok(result);  
  }  
}  
}
```