Question:

1. Web Api using .Net core with Swagger Create a .Net core web application with API template. (Use existing application if created). Install Swashbuckle.AspNetCore Nuget package. Post this do the following steps in Startup.cs

2. Use POSTMAN tool, to point to the local Web API that was created with Employee controller. Test the GET action method using POSTMAN. Verify the output if the List of employees are listed in the ‘Body’ part of the GET window on POSTMAN tool.

3. Modify the Controller name in the Route attribute of the Employee controller to ‘Emp’ and check its access thru POSTMAN

CODE:

Program.cs:

var builder = WebApplication.CreateBuilder(args);

// Add services to the container.

builder.Services.AddControllers();

builder.Services.AddEndpointsApiExplorer();

builder.Services.AddSwaggerGen();

var app = builder.Build();

// Configure the HTTP request pipeline.

if (app.Environment.IsDevelopment())

{

    app.UseSwagger();

    app.UseSwaggerUI();

}

app.UseHttpsRedirection();

app.UseAuthorization();

app.MapControllers();

app.Run();

Empolyee controller.cs:

using Microsoft.AspNetCore.Mvc;

using System.Collections.Generic;

namespace FirstWebApi.Controllers

{

    [ApiController]

    [Route("[controller]")]  // default route

    public class EmployeeController : ControllerBase

    {

        [HttpGet]

        public IEnumerable<string> Get()

        {

            return new List<string> { "Rahul", "Ram", "John" };

        }

    }

}

Output:

Building...

info: Microsoft.Hosting.Lifetime[14]

Now listening on: http://localhost:5079

info: Microsoft.Hosting.Lifetime[0]

Application started. Press Ctrl+C to shut down.

info: Microsoft.Hosting.Lifetime[0]

Hosting environment: Development

info: Microsoft.Hosting.Lifetime[0]

Content root path: C:\Users\rahul\FirstWebApi  


