1. **Web Api using .Net core with Swagger**

**using Microsoft.AspNetCore.Builder;**

**using Microsoft.AspNetCore.Hosting;**

**using Microsoft.Extensions.DependencyInjection;**

**using Microsoft.Extensions.Hosting;**

**using Microsoft.OpenApi.Models;**

**namespace MyFirstWebAPI**

**{**

**public class Startup**

**{**

**public void ConfigureServices(IServiceCollection services)**

**{**

**services.AddControllers();**

**services.AddSwaggerGen(c =>**

**{**

**c.SwaggerDoc("v1", new OpenApiInfo**

**{**

**Title = "Swagger Demo",**

**Version = "v1",**

**Description = "TBD",**

**TermsOfService = new System.Uri("https://example.com"),**

**Contact = new OpenApiContact**

**{**

**Name = "John Doe",**

**Email = "john@xyzmail.com",**

**Url = new System.Uri("https://www.example.com")**

**},**

**License = new OpenApiLicense**

**{**

**Name = "License Terms",**

**Url = new System.Uri("https://www.example.com")**

**}**

**});**

**});**

**}**

**public void Configure(IApplicationBuilder app, IWebHostEnvironment env)**

**{**

**if (env.IsDevelopment())**

**app.UseDeveloperExceptionPage();**

**app.UseSwagger();**

**app.UseSwaggerUI(c =>**

**{**

**c.SwaggerEndpoint("/swagger/v1/swagger.json", "Swagger Demo");**

**});**

**app.UseRouting();**

**app.UseEndpoints(endpoints =>**

**{**

**endpoints.MapControllers();**

**});**

**}**

**}**

**}**

**EmployeeController**

**using Microsoft.AspNetCore.Mvc;**

**using System.Collections.Generic;**

**namespace MyFirstWebAPI.Controllers**

**{**

**[ApiController]**

**[Route("api/[controller]")]**

**public class EmployeeController : ControllerBase**

**{**

**[HttpGet]**

**public ActionResult<IEnumerable<string>> Get()**

**{**

**return new string[] { "John", "Alice", "Bob" };**

**}**

**}**

**}**

**Modify Controller Route to api/emp**

**using Microsoft.AspNetCore.Mvc;**

**using System.Collections.Generic;**

**namespace MyFirstWebAPI.Controllers**

**{**

**[ApiController]**

**[Route("api/emp")]**

**public class EmployeeController : ControllerBase**

**{**

**[HttpGet]**

**public ActionResult<IEnumerable<string>> Get()**

**{**

**return new string[] { "John", "Alice", "Bob" };**

**}**

**}**

**}**