EMPLOYEE PAYROLL DEMO

1.First We Create EmployeePayrollDemo Project in Visual Studio by selecting web api using ASP.NET Core 3.1

2.Here we are using 3-Layer architecture for code for loose coupling of our code.

3.Here right now we have only one project which is EmployeePayrollDemo

4.We add a RepositoryLayer, BusinessLayer and CommonLayer project in our solution which is of type Class Library.

5. In RepositoryLayer and BusinessLayer we add two folders Interface and Service also we create Interface class and Layer Class resp.

6. In CommonLayer we make Model folder in which we add a EmployeeModel Class which is model of the project.

7.RepositoryLayer is our data-access layer and BusinessLayer is our logic layer.

8.We provide the references of RepositoryLayer in BusinessLayer and reference of reference of CommonLayer to EmployeePayrollDemo Project respectively.

9.We also add Controller in EmployeePayrollDemo

10.We write the logic in RepositoryRL class in RepositoryLayer Class and implement interface in it

11.Similarly we write the logic in BusinessRL class in BusinessLayer Class and implement interface in it.

12.Next we do the routing in Controller class and write the necessary logic.

13.Next we do the dependency injection in startup.cs and configure the services and swagger.

14.We connect visual studio to mysql database using ADO.NET and provide the connection string,

Create the table and stored procedure for the project to work.

15. We provide basic necessary configuration such as connection string, tokens in appsettings.json.

16.Once this is done we can build the project and run it in browser.