Requirements:

* The end date to submit this assignment is 20th Dec 2019 4:00 pm. Will not consider any assignment submitted after the given date and time.
* Do not use Visual studio to create a project. Use dotnet cli and Visual studio code only.
* Do not use scaffolding. Create an empty project only.
* Drop your solution on \\172.10.1.3\Commondata\ISTEAM\.netcore 3\Assignment. Create a folder in the format of **Name\_ddmmyyyyhhmm** (Ex: Vijay\_131220191146)

Assignment:

1. Prepare a dotnet cli command script to generate a Asp.Net Core MVC application.
   1. Create either a shell/bat script or simply create a notepad file with the commands you are using.
   2. This solution should have a database to connect with.
   3. Should have basic CRUD operations.
2. Use all key feature of .net core 3.0/c# 8.0 explained in the session.
   1. Prepare your solution and your business logic in a way that you can experiment with all the key features explained in the session.
   2. Use Razor/blazor syntaxes in the front-end and APIs in the back-end.
   3. Use swagger UI.
   4. Use Versioning of the APIs.
3. Write Unit test cases of all the endpoints available in all the apis.
   1. Use MSTest framework and Moq framework.
4. Deploy your application on IIS.
   1. Create step by step document explaining the deployment in IIS. Paste the document inside the folder you will create for the assignment.
5. AWS or Linux environment deployment(Optional).
   1. Create step by step document if you deploy your application on AWS or any other linux server(can use docker playground). Paste the document inside the folder you will create for the assignment.