WRITEUP FOR:-

SECTION #4 LESSON #1

1.7) Set up a .NET Web Application to Be Deployed via Jenkins

Background:

Joe's Pizza is in the middle of creating prototypes for their new website. Every day a new build is made for review. They want to automate this process so that the latest build is automatically generated and deployed for review without someone having to do it manually. And wants it to be deployed via Jenkins.

Project Setup:

1) Create an ASP.NET Core Web App in Visual Studio.
2) It was initialized on Github via GIT Bash.

Data Storage and Data Display:

Upon making changes in the Index.cshtml file, when the program is executed the changes reflect on a localhost server.

Data displayed in the localhost server is the result of changes made in the program this is pushed to github which is further configured and built in the Jenkins.

Program Implementation:

1) An ASP.NET Core Web App project is created in Visual Studio.
2) Since it's just a dummy model, required changes are made in Index.cshtml file and further the program is build and executed to display the output on the localhost server.
3) Further when the GitHub link has been initialised and generated, it is supplied in Jenkins as new item and then further is configured and built.

GitHub Repository:

Repository Link= https://github.com/SHREYA7B8M/PP_JenkinsPractice

Conclusion:

Successful development of the dummy pizza model, which when executed displayed the required output on the localhost server also the deployment via Jenkins has been successful which was achieved after the GitHub Repository link generation.