Assignment 2a

Title :- Create version control account on Github and using Git Commands to create repository and push your code to Github

Problem Statement :-

a. Create Version control account on Github and using Git commands to create a repository

b. Create Docker Container Enviroment [NVIDEIA Docker or any other]

c. Create an Angular application which will do following actions : Register User, Login User, Show User Data on Profile Component

Objective : Create repositories on Github, Docker container enviroment and Angular application

Theory :

a) Create version control account on Github and using Git commands to create repository and push your code to Github

It is used for
o Tracking code changes
o Tracking who made changes
o Coding collaboration

What does Git do?
• Manage projects with Repositories
o Clone a project to work on local copy
o Control and track changes with staging and Committing
o Branch and Merge to allow for work on different parts and versions of a project
o Pull the latest version of project to a local copy
o Push local updates to main project

What is Git Hub?

o Git is not the same as Git Hub
o Git Hub makes tools that use Git
o Git Hub is the largest host of source code in the world, and has been owned by MicroSoft since 2018.

Conclusion :- Git and GitHub provide a powerful and flexible platform for version control and collaborative software development. By learning these basic steps, you can start to use Git and GitHub for your own projects and join a global community of developers who are using these tools to build innovative software solutions.