Final exam Experiments List - 20CS521

S.No Experiments:

1. Basic local git operations.
2. Basics of GitHub operations such as
   creating an account, create, push the
   repository between GitHub and Git local
   repository and branching and merging
    the repository.
3. Create a repository name mini-project- 1Push the same to GitHub.
4. Create cloud account.
5. Create and setup a Virtual Machine.
6. Create a simple web app using cloud services.
7. Create build pipeline using Jenkins and test a simple application in JavaScript or Python.
8. Create a HTML page using CSS.
9. Setting up an Environment and Tools for Frontend development such as installing VS Code and installing required extensions.
10. Create registration/login form, after submit hide created form and enable the display.
11. Setting development environment for TypeScript by installing the TypeScript compiler and Live Server.
12. Create and run first program in TypeScript.
13. Setting up a React development environment - Installing Node.js, Create and run a ReactJS app.
14. Create A React App using state (useState).
15. Create A React App using props and fragment.
16.Create A React App using Components.
17. Setting up environment for creating JAVA Application - Install JAVA, JAVA Editor (such as IntelliJ, Eclipse etc.). Install DBMS (MySQL, PostgreSQL or any other.
18.Install MongoDB and perform CRUD
    operation on Documents and Databases.
19.Create image in a Docker. Run image in a container. Also do the same using Dockerfile.
20. Create a react application and deploy in AWS.