Task 1
WebDev - Core

Spider
R&D Club

Git is a Version Control System (VCS). Version Control System is a category of software tools that help to manage changes to code over time. VCS keeps track of every change to the code.
Basically, using a VCS generally means that if you make any mistakes or even lose files, you can easily recover them!

PROBLEM STATEMENT:

Since you are comfortable with working with git from the knowledge you gained from SOP, a company recruited you to work with them. Now, you are part of a project that needs intensive work and every version is controlled using Git. The project has the following structure of branches as follows.

1. Replicate the exact same structure of the git as follows, in a new repository.

   ❖ Initial Commit
   ❖ Create a branch called Develop and make one commit
   ❖ Make a commit in Master Branch
   ❖ Make a commit in Develop Branch
   ❖ Merge the 2 branches

Note: For committing, commit a .txt file with filename and content exactly the same as "commit<#>_<branchName>". # must be the number of the commit.

2. Now that your manager got busy with some work, you have to complete the remaining work. Create another branch with the name as "spider". Create a text file with content as "I am working for the Inductions!" and commit it to spider branch. Make another text file with content as <your name> and again commit to spider branch.

3. Now merge the spider branch with the master branch. Any merge conflicts? Resolve them!

4. Finally, there should be a single branch .ie., the master. Delete all the other branches if any.

GUIDELINES:

This task is common for both the subdomains in Web Development. Doing this task ONCE is enough.

SUBMISSION:

The repo that you use must be a public repo in GitHub. Make sure to provide a link for the same through the portal. If you are part of both the subdomains, upload the same link under submission for each sub domain.

RESOURCES:

A good read on Git: https://www.atlassian.com/git/tutorials/what-is-version-control

INSTALLATION
This should get Git set up for you: https://www.atlassian.com/git/tutorials/install-git