Git & Github Assignment
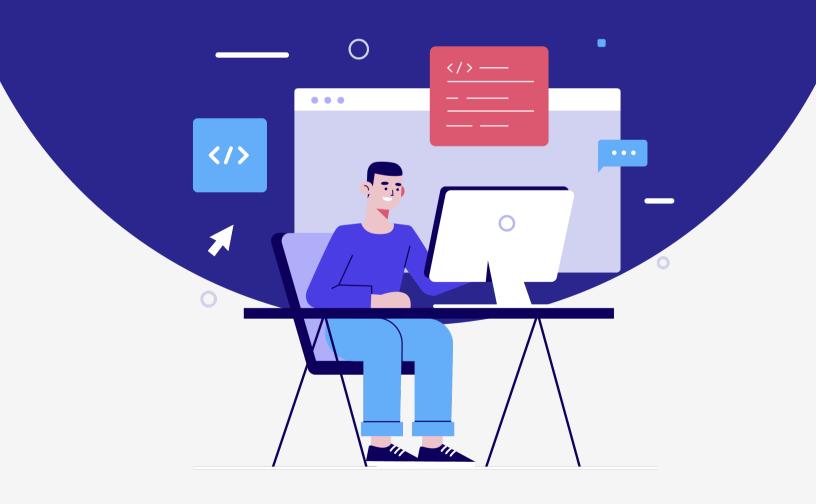
Assignment Questions

1. **You are starting a new JavaScript project and need to set up version control.**

Task-1:
   Initialize a Git repository for your JavaScript project.

Task-2:
   Create a file named script.js with a simple JavaScript function.

Task-3:
   Add and commit the changes.

2.
Task-1:
Create a new branch named feature-greeting.

Task-2:
 Switch to the new branch.

Task-3:
 Add a new function in script.js that displays a personalized greeting.

Task-4:
Commit the changes in the feature branch.

Task-5:
Merge feature-greeting into the main branch.

Task-6:
Switch back to the main branch.

3.
Task-1:
  • Create a GitHub repository for your JavaScript project.

Task-2:
  • Push your local repository to the GitHub repository.

Task-3:
  • Invite a team member to collaborate on the GitHub repository.

Task-4:
  • Your team member should clone the repository and make a change.

Task-5:
  • Fetch and merge the changes made by your team member.

4.

- **Create a new branch named feature-update.**
- **Switch to the new branch and make changes to script.js.**
- **Commit the changes in the feature branch.**
- **Switch back to the main branch and make different changes to script.js.**
- **Commit the changes in the main branch.**
- **Attempt to merge feature-update into the main branch.**
- **Resolve any merge conflicts that occur.**

5.

- **Create a new file named obsolete.js.**
- **Add and commit the file to the repository.**
- **Realize that obsolete.js is unnecessary and should be removed.**
- **Remove obsolete.js from the repository.**
- **Undo the last commit where obsolete.js was added.**