**Assignments**

1. What is the purpose of git clone?
2. Can you explain the difference between git clone and git pull?
3. How would you authenticate your Git account using a Personal Access Token (PAT)?
4. How do you add multiple files to the staging area at once?
5. What does the command git add . do?
6. Explain the purpose of the .gitignore file and provide examples of its usage.
7. Implement below tasks:
   * Create a new directory named demo.
   * Inside the demo directory, create two new files: a.txt and b.txt.
   * Add these files to the staging area using appropriate git add commands.
   * Commit the changes with the message "demo added".
   * Create a .gitignore file in your repository.
   * Add rules to the .gitignore file to:
   * Ignore all .class files.
   * Ignore all .txt files except test1.class