



# Putting Knowledge Into Practice



## Task -1

- Create a new Git repository on your local machine.
- Add some files to the repository.
- Make an initial commit.

## Task -2

- Create a new branch called "feature-branch."
- Make changes to the files within this branch.
- Switch back to the main branch (usually "master" or "main").
- Merge the "feature-branch" into the main branch.
- Resolve any merge conflicts if they occur.



## Task -3

- Create a new repository on GitHub.
- Connect your local repository to the remote GitHub repository.
- Push your local repository to GitHub.
- Verify that your changes are visible on the GitHub repository.

## Task -4

- Create a .gitignore file in your repository.
- Add rules to ignore specific files or directories (e.g., log files, compiled code).
- Commit the .gitignore file.



## Task -5

- Initialize an empty git repository.
- Add first.txt to the staging area.
- Commit with the message "adding first.txt".
- Check out your commit with git log.
- Create another file called second.txt.
- Add second.txt to the staging area.
- Commit with the message "adding second.txt"
- Remove the first.txt file
- Add this change to the staging area
- Commit with the message "removing first.txt"
- Check out your commits using git log
- Create a github repository with your own name
- Push your code to same repository
- Host the repository on github pages