



Ex 06

$$20 \times 50 = 1000$$

Write all codes (answers) in a .sh file and
upload them as a zip file.

Generated by ChatGPT 40

Try to solve them without using GPT

Scenario 1: Initializing and Configuring a New Repository

1. Create a directory for your project and navigate into it.
2. Initialize a new Git repository.
3. Configure your global Git username and email.
4. Create a README.md file with some initial content.
5. Add the README.md file to the staging area.
6. Commit the README.md file with the message "Initial commit".

Scenario 2: Creating and Switching to a New Branch

1. Create a new branch called feature-branch.
2. Switch to the new branch.
3. Create a new file called feature.txt and add some content to it.
4. Add and commit the feature.txt file to the feature-branch.

Scenario 3: Using git blame to Identify Changes

1. Use git blame to find out who last modified the process_data function in the app.py file.
2. Check the commit details for the modification.

Scenario 4: Cleaning Up Untracked Files

1. Preview the untracked files and directories that will be removed.
2. Remove the untracked files and directories.

Scenario 5: Setting Up SSH for GitHub

1. Generate a new SSH key.
2. Add the SSH key to the SSH agent.
3. Add the SSH key to your GitHub account.
4. Test the SSH connection to GitHub.

Scenario 6: Pushing a Branch to a Remote Repository

1. Ensure you are on the feature-branch.
2. Push the feature-branch to the remote repository.

Scenario 7: Merging a Branch into Main

1. Switch to the main branch.
2. Merge the feature-branch into main.
3. Push the changes to the remote repository.

THE END