

INFORMATION TECHNOLOGY

Version Control Task Report

- Sadhabi Dev

Task 1

1) A folder is created as L3 and the screen seen in Git Bash Here is as follows:

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$
```

2) The code below is as followed:

a) git --version

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3
$ git --version
git version 2.43.0.windows.1
```

b) touch index. html

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3
$ touch index.html
```

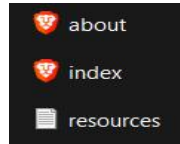
c) touch about. html

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3
$ touch about.html
```

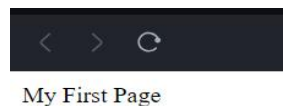
d) touch resources. Txt

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3
$ touch resources.txt
```

e) The folder is created as follows:



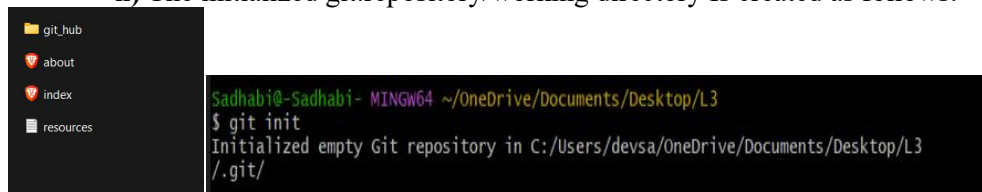
f) The written and executed code in index.html is as follows:



g) The written and saved file in resources.txt are:

```
Sadhabi
Michi
Chandani
Ravi
```

h) The initialized git.repository/working directory Is created as follows:



i) Configuring the user name and email

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git config --global user.name 'Sadhabi Dev'

Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git config --global user.email 'dsadhabi23@tbc.edu.np'
```

j) Checking the status

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    about.html
    index.html
    resources.txt

nothing added to commit but untracked files present (use "git add" to track)
```

k) Adding files

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git add .
```

l) Again checking the status

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   about.html
    new file:   index.html
    new file:   resources.txt
```

m) Committing the changes in the working directory

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git commit -m "File Added"
[master (root-commit) 5fc9fed] File Added
3 files changed, 16 insertions(+)
create mode 100644 about.html
create mode 100644 index.html
create mode 100644 resources.txt
```

n) Checking status, adding the files and making changes to the directory

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git status
On branch master
nothing to commit, working tree clean

Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    modified:   resources.txt

no changes added to commit (use "git add" and/or "git commit -a")

Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git add .

Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git commit -m 'Changed resources.txt'
[master 915779a] Changed resources.txt
1 file changed, 7 insertions(+), 1 deletion(-)
```

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

o) Viewing the commit history

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git log
commit 915779afd3693c273f0e9eb74c4dbdd1b841e582 (HEAD -> master)
Author: Sadhabi Dev <dsadhabi23@tbc.edu.np>
Date: Tue Feb 13 15:28:13 2024 +0545

    Changed resources.txt

commit 5fc9fed273933168c219642da4beaed27b14b936
Author: Sadhabi Dev <dsadhabi23@tbc.edu.np>
Date: Tue Feb 13 15:22:12 2024 +0545

    File Added
```

Task 2

A) Creating an account on Github.com

ANS: https://github.com/sd6012/git_hub.git

B) Using Git Bash for the following command

- git remote

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git remote
```

- git remote add origin

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git remote add origin https://github.com/sd6012/L3.git
```

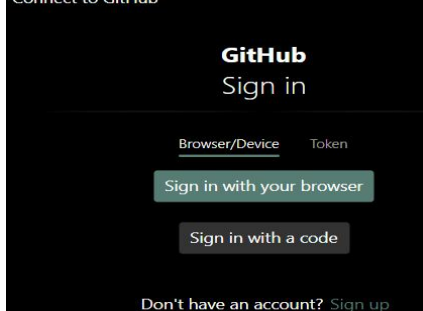
- git remote

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git remote
origin
```

- git push -u origin master

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git push -u origin master
```

Connect to GitHub



- git clone

```
Sadhabi@-Sadhabi- MINGW64 ~/OneDrive/Documents/Desktop/L3 (master)
$ git clone https://github.com/sd6012/git_hub.git
Cloning into 'git_hub'...
warning: You appear to have cloned an empty repository.
```