

## COMP804 – ASSESSMENT TASK 3 –ASSIGNMENT 1

Student Name: Fan Kiu (Frankie) Mak and Student ID: 8730611

### Task 5 – Github Repository Report for details of Task 1-4 instructions on uploading the source code to a GitHub repository

#### Step 1: Create a GitHub Account

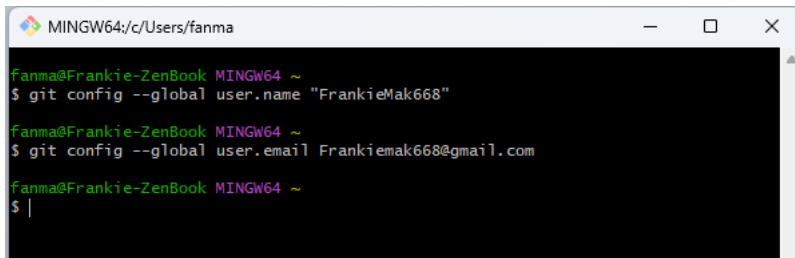
1. Go to <https://github.com/>
2. Click "Sign up" and follow the prompts to create an account.

#### Step 2: Install Git

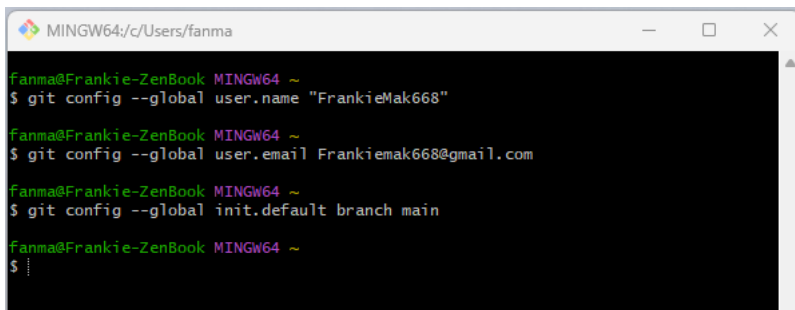
1. Download Git from <https://git-scm.com/downloads>
2. Install Git, following the installation wizard.

#### Step 3: Configure Git

Open a terminal or command prompt and run:



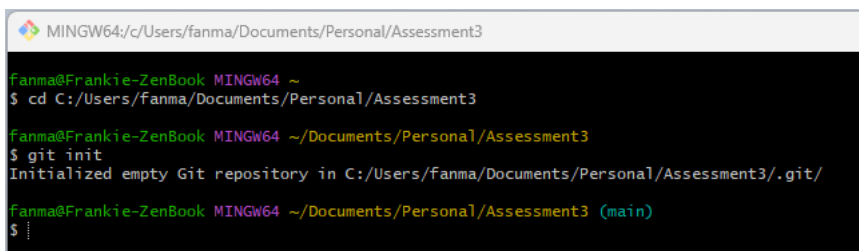
```
MINGW64/c/Users/fanma
fanma@Frankie-ZenBook MINGW64 ~
$ git config --global user.name "FrankieMak668"
fanma@Frankie-ZenBook MINGW64 ~
$ git config --global user.email Frankiemak668@gmail.com
fanma@Frankie-ZenBook MINGW64 ~
$ |
```



```
MINGW64/c/Users/fanma
fanma@Frankie-ZenBook MINGW64 ~
$ git config --global user.name "FrankieMak668"
fanma@Frankie-ZenBook MINGW64 ~
$ git config --global user.email Frankiemak668@gmail.com
fanma@Frankie-ZenBook MINGW64 ~
$ git config --global init.default branch main
fanma@Frankie-ZenBook MINGW64 ~
$ |
```

#### Step 4: Initialized repository

Look at the internal computer folder for uploading to the GitHub Repository  
change the terminal directory to look at where those files and the initialized repository are.

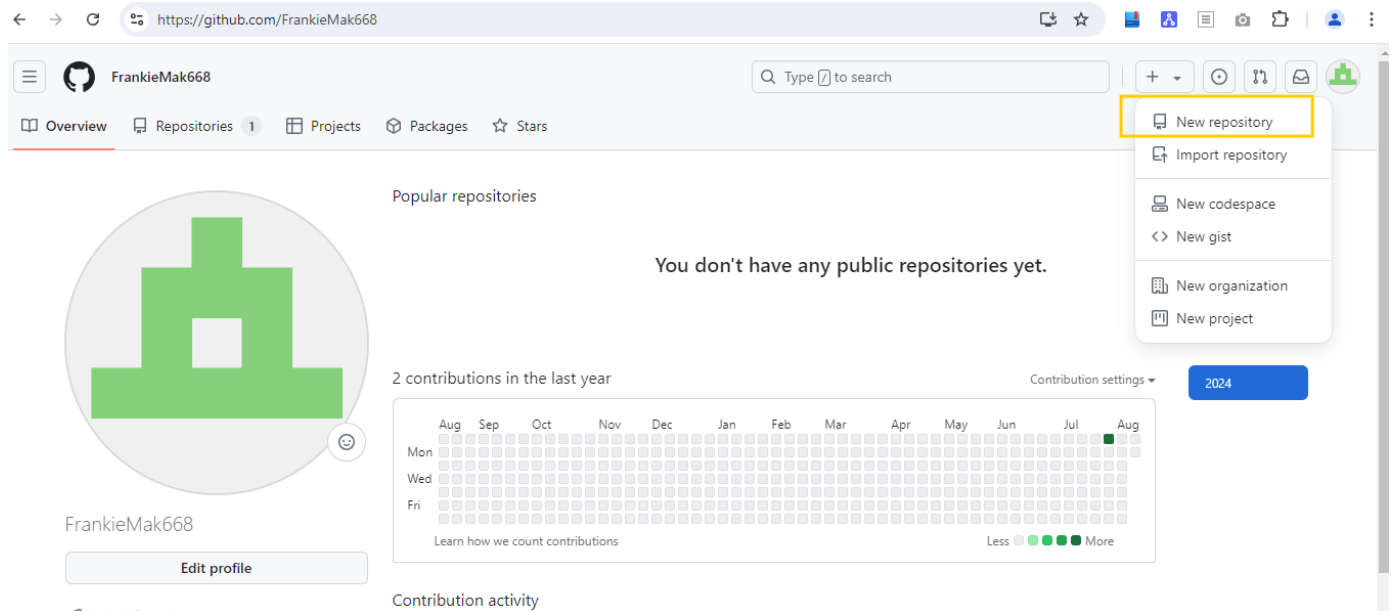


```
MINGW64/c/Users/fanma/Documents/Personal/Assessment3
fanma@Frankie-ZenBook MINGW64 ~
$ cd C:/Users/fanma/Documents/Personal/Assessment3
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3
$ git init
Initialized empty Git repository in C:/Users/fanma/Documents/Personal/Assessment3/.git/
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ |
```

#### Step 5: Create a New Repository on GitHub

1. Log in to GitHub
2. Click the "+" icon in the top-right corner and select "New repository"

### 3. Create the Name of the repository (i.e., " Assessment3 ")



FrankieMak668

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Popular repositories

You don't have any public repositories yet.

2 contributions in the last year

Contribution settings 2024

FrankieMak668

Edit profile

Joined 2 weeks ago

Contribution activity

New repository

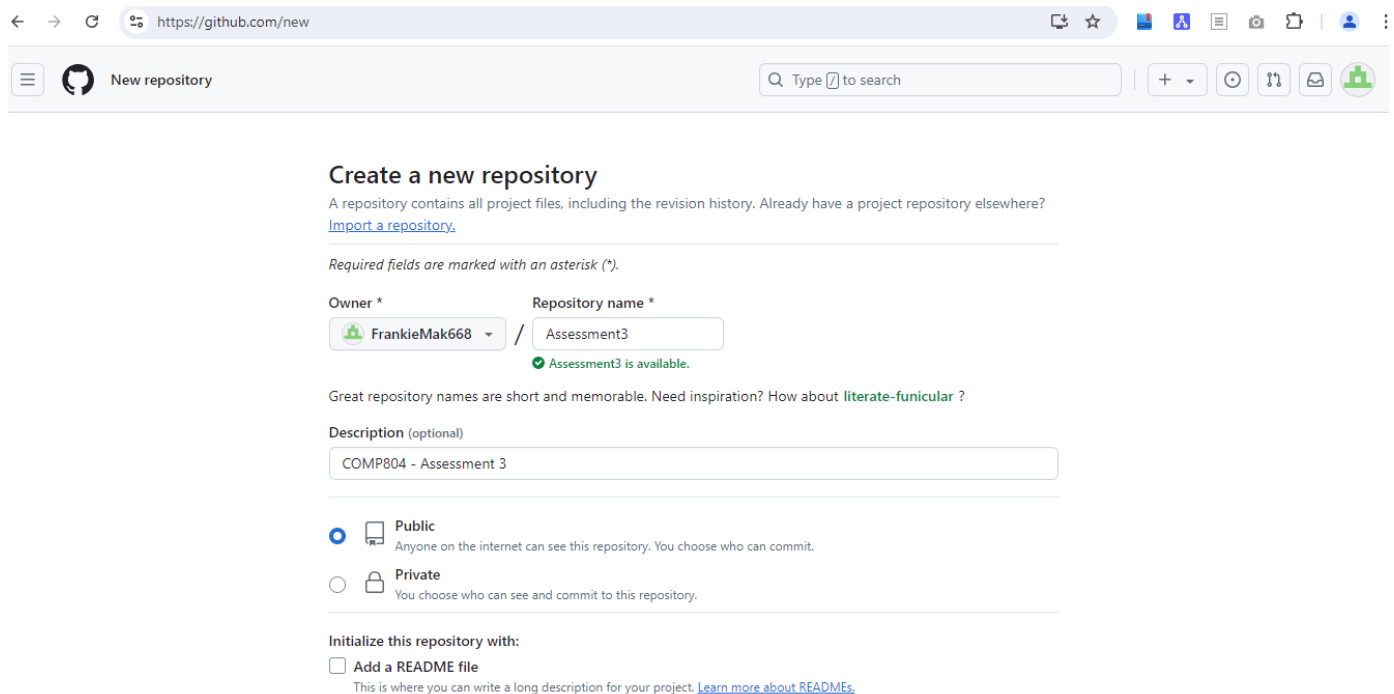
Import repository

New codespace

New gist

New organization

New project



https://github.com/new

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (\*).

Owner \* Repository name \*

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Assessment3 is available.

Great repository names are short and memorable. Need inspiration? How about [literate-funicular](#) ?

Description (optional)

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☒ Public Anyone on the internet can see this repository. You choose who can commit.

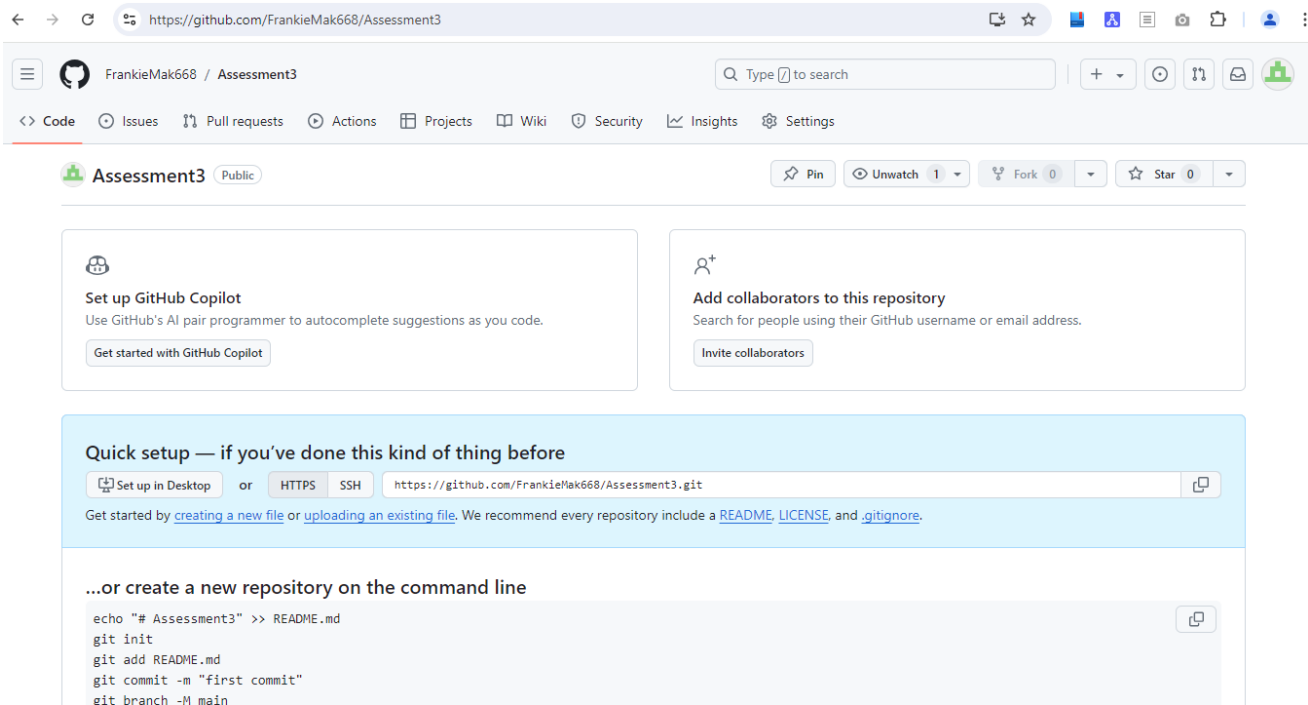
☐ Private You choose who can see and commit to this repository.

Initialize this repository with:

☒ Add a README file This is where you can write a long description for your project. [Learn more about READMEs.](#)

### 4. Choose "Public" visibility

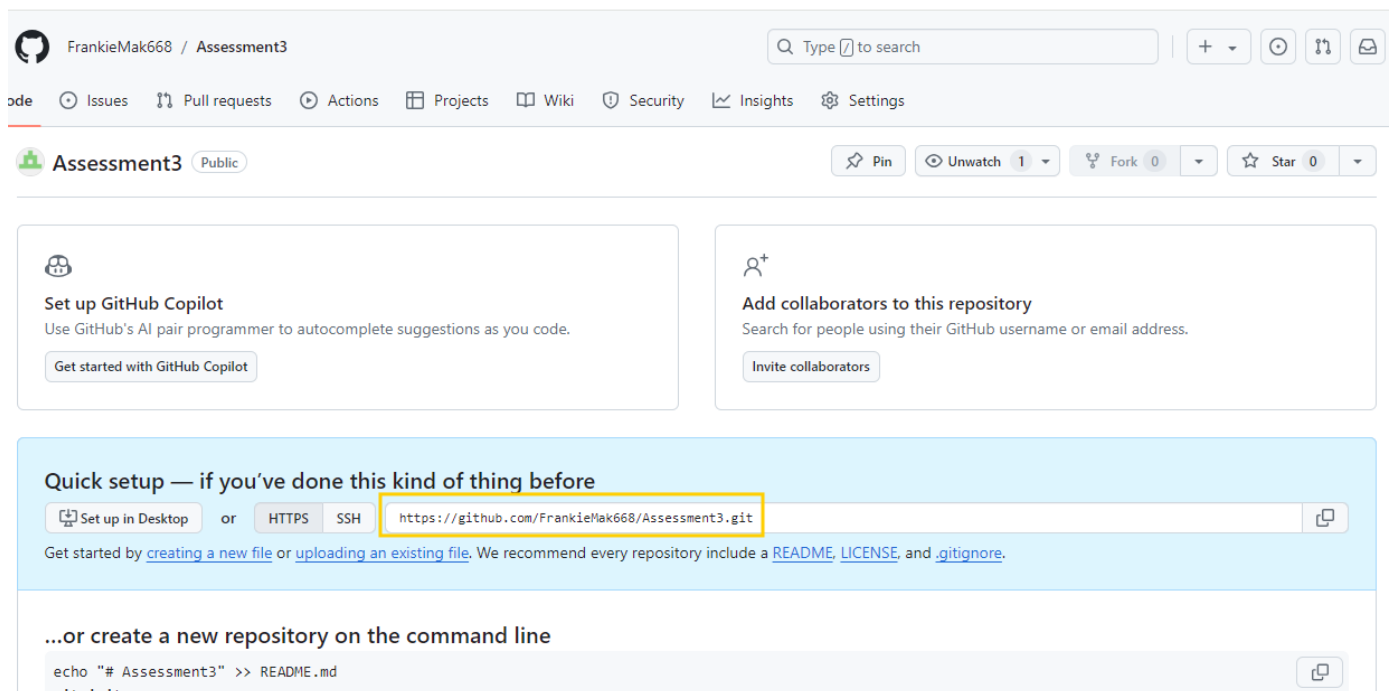
### 5. Click "Create repository"



## Step 6: Clone the Repository Locally

1. On the repository page, click the "Code" button and copy the HTTPS URL

<https://github.com/FrankieMak668/Assessment3.git>



2. Open a terminal or command prompt

3. Check status:

```
MINGW64/c/Users/fanma/Documents/Personal/Assessment3

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Assignment 3 screenshot.png
    Broken Authentication.png
    Directory traversal.png
    Drive-By Download attack.png
    Index.html
    Password-Based Attacks.png
    SQL injection attack.png
    "Task 5 \342\200\223 Github repository Report.docx"
    Using Components with Known Vulnerabilities.png
    cat.jpg
    ddos-attack.png
    dog.jpg
    frog.jpg
    fuzz testing.png
    man-in-the-middle.png
    xss-persistent.gif

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

## Step 7. Staging - Add folder files that are on track.

```
MINGW64/c/Users/fanma/Documents/Personal/Assessment3

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Assignment 3 screenshot.png
    new file:   Broken Authentication.png
    new file:   Directory traversal.png
    new file:   Drive-By Download attack.png
    new file:   Index.html
    new file:   Password-Based Attacks.png
    new file:   SQL injection attack.png
    new file:   "Task 5 \342\200\223 Github repository Report.docx"
    new file:   Using Components with Known Vulnerabilities.png
    new file:   cat.jpg
    new file:   ddos-attack.png
    new file:   dog.jpg
    new file:   frog.jpg
    new file:   fuzz testing.png
    new file:   man-in-the-middle.png
    new file:   xss-persistent.gif
```

## Step 8. Committing all files to the repository - Git commit -m "first commit."

```
MINGW64/c/Users/fanma/Documents/Personal/Assessment3

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git commit -m "first commit - all files to the repository"
[main (root-commit) 5119a46] first commit - all files to the repository
16 files changed, 329 insertions(+)
 create mode 100644 Assignment 3 screenshot.png
 create mode 100644 Broken Authentication.png
 create mode 100644 Directory traversal.png
 create mode 100644 Drive-By Download attack.png
 create mode 100644 Index.html
 create mode 100644 Password-Based Attacks.png
 create mode 100644 SQL injection attack.png
 create mode 100644 "Task 5 \342\200\223 Github repository Report.docx"
 create mode 100644 Using Components with Known Vulnerabilities.png
 create mode 100644 cat.jpg
 create mode 100644 ddos-attack.png
 create mode 100644 dog.jpg
 create mode 100644 frog.jpg
 create mode 100644 fuzz testing.png
 create mode 100644 man-in-the-middle.png
 create mode 100644 xss-persistent.gif

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ |
```

## Step 9. Push the local folder to the GitHub

```
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git push -u origin main
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 8 threads
Compressing objects: 100% (18/18), done.
Writing objects: 100% (18/18), 690.98 KiB | 13.82 MiB/s, done.
Total 18 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/FrankieMak668/Assessment3.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$
```

Push all file Changes to GitHub

```
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git push -u origin main
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 8 threads
Compressing objects: 100% (18/18), done.
Writing objects: 100% (18/18), 690.98 KiB | 13.82 MiB/s, done.
Total 18 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/FrankieMak668/Assessment3.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git push --all
Everything up-to-date

fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$
```

The above Screenshot shows that the command "all files" the pushing process has been done (update in Github server).

### Step 10: Verify the files Upload

1. Go to the GitHub repository page in the web browser
2. Refresh the page
3. The files listed in the repository

Now, we can go to our GitHub repository to check whether the file appears.

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Q

Type to search

<>

Code

Issues

Pull requests

Actions

Projects

Security

Insights

Settings

Assessment3

Private

Unwatch 1

Fork 0

Star 0

main

1 Branch

0 Tags

Go to file

Add file

Code

FrankieMak668

first commit - all files to the repository

5119a46 · 31 minutes ago

1 Commit

Assignment 3 screenshot.png	first commit - all files to the repository	31 minutes ago
Broken Authentication.png	first commit - all files to the repository	31 minutes ago
Directory traversal.png	first commit - all files to the repository	31 minutes ago
Drive-By Download attack.png	first commit - all files to the repository	31 minutes ago
Index.html	first commit - all files to the repository	31 minutes ago
Password-Based Attacks.png	first commit - all files to the repository	31 minutes ago
SQL injection attack.png	first commit - all files to the repository	31 minutes ago
Task 5 – Github repository Report.docx	first commit - all files to the repository	31 minutes ago
Using Components with Known Vulnerabilities....	first commit - all files to the repository	31 minutes ago
cat.jpg	first commit - all files to the repository	31 minutes ago
ddos-attack.png	first commit - all files to the repository	31 minutes ago
dog.jpg	first commit - all files to the repository	31 minutes ago
frog.jpg	first commit - all files to the repository	31 minutes ago
fuzz testing.png	first commit - all files to the repository	31 minutes ago
man-in-the-middle.png	first commit - all files to the repository	31 minutes ago
xss-persistent.gif	first commit - all files to the repository	31 minutes ago

README

Add a README

Add a README with an overview of your project.

Add a README

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Based on your tech stack

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Configure

Package a Jekyll site using the jekyll/builder Docker image.

SLSA Generic generator

Configure

Generate SLSA3 provenance for your existing release workflows

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## Step 11 – Updated the Task 5 codes, comments and report

```
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git commit -m "second commit - updated Task 5 codes, comments and report"
[main 368386f] second commit - updated Task 5 codes, comments and report
22 files changed, 17 insertions(+), 9 deletions(-)
create mode 100644 Assessment 3 screenshot.png
create mode 100644 Assig3.code-workspace
delete mode 100644 Assignment 3 screenshot.png
create mode 100644 Change terminal the directory.png
create mode 100644 Configure Git - username and email.png
create mode 100644 Configure Git - username email branch .png
create mode 100644 Configure Git - username.png
create mode 100644 GitHub Assessment3 .png
create mode 100644 GitHub Assessment3 link .png
create mode 100644 GitHub add new repository.png
create mode 100644 Github create a new repository.png
create mode 100644 Github Assessment 3 folder screenshot.png
create mode 100644 In terminal Committing all files.png
create mode 100644 In terminal check status.png
create mode 100644 In terminal files is tracked.png
create mode 100644 In terminal initialized file.png
create mode 100644 In terminal push --all.png
create mode 100644 In terminal push -u.png
create mode 100644 "Task 5 \342\200\223 Github repository Report.pdf"
create mode 100644 "~$sk 5 \342\200\223 Github repository Report.docx"
```

```
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
$ git push --all
Enumerating objects: 26, done.
Counting objects: 100% (26/26), done.
Delta compression using up to 8 threads
Compressing objects: 100% (22/22), done.
Writing objects: 100% (23/23), 1.78 MiB | 907.00 KiB/s, done.
Total 23 (delta 10), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (10/10), completed with 1 local object.
To https://github.com/FrankieMak668/Assessment3.git
 5119a46..368386f  main -> main
```

```
fanma@Frankie-ZenBook MINGW64 ~/Documents/Personal/Assessment3 (main)
```

```
$
```

## Step 12 - Verify the files Updated on the GitHub repository

Below the image shows GitHub repository has been updated files:

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[Pull requests](#)
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**Assessment3**
Public

1
0
0

main

1 Branch

0 Tags

Add file

Code

<b>FrankieMak668</b> <span>second commit - updated Task 5 codes, comments and report</span> <span>368386f · 22 minutes ago</span> <span>2 Commits</span>		
	Assessment 3 screenshot.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Assig3.code-workspace	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Broken Authentication.png	first commit - all files to the repository 15 hours ago
	Change terminal the directory.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Configure Git - username and email.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Configure Git - username email branch .png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Configure Git - username.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Directory traversal.png	first commit - all files to the repository 15 hours ago
	Drive-By Download attack.png	first commit - all files to the repository 15 hours ago
	GitHub Assessment3 .png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	GitHub Assessment3 link .png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	GitHub add new repository.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	GitHub create a new repository.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Github Assessment 3 folder screenshot.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	In terminal Committing all files.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	In terminal check status.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	In terminal files is tracked.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	In terminal initialized file.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	In terminal push --all.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	In terminal push -u.png	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Index.html	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Password-Based Attacks.png	first commit - all files to the repository 15 hours ago
	SQL injection attack.png	first commit - all files to the repository 15 hours ago
	Task 5 - Github repository Report.docx	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Task 5 - Github repository Report.pdf	second commit - updated Task 5 codes, comments and report 22 minutes ago
	Using Components with Known Vulnerabilities...	first commit - all files to the repository 15 hours ago
	cat.jpg	first commit - all files to the repository 15 hours ago
	ddos-attack.png	first commit - all files to the repository 15 hours ago
	dog.jpg	first commit - all files to the repository 15 hours ago
	frog.jpg	first commit - all files to the repository 15 hours ago
	fuzz testing.png	first commit - all files to the repository 15 hours ago
	man-in-the-middle.png	first commit - all files to the repository 15 hours ago
	xss-persistent.gif	first commit - all files to the repository 15 hours ago
	~\$sk 5 - Github repository Report.docx	second commit - updated Task 5 codes, comments and report 22 minutes ago

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**Jekyll using Docker image**

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Configure

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