

## Task 5 – Jason Whitby 4134230

### 1) Initialize repository

Git init -b main

```
# git calls the program.  
## Init creates an empty git repository locally  
### -b main sets the default branch as main  
git init -b main
```

```
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security> git init -b main  
Initialized empty Git repository in G:/My Drive/Career/Education/Uni/UOW/2023-comp804-web_security/.git/
```

### 2) Add all files to local repository to stage for commit & add message for commit

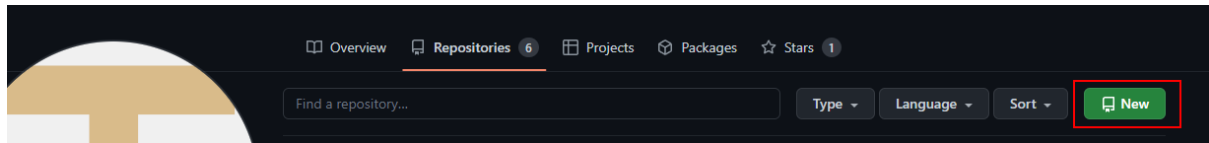
git add . && git commit -m "first commit"

```
# add . includes all files (and sub files) in directory to local repository  
and stages them for commit.  
## && allows combining two commands in one line  
### commit -m "first commit" commits staged files with message of "first  
commit"  
git add . && git commit -m "first commit"
```

```
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security> git add . && git commit -m "first commit"  
[main (root-commit) d3843a2] first commit  
14 files changed, 492 insertions(+)  
create mode 100644 assignment1.html  
create mode 100644 img/t3_asparagus.png  
create mode 100644 img/t3_beets.png  
create mode 100644 img/t3_broccoli.png  
create mode 100644 img/t3_brussels_sprouts.png  
create mode 100644 img/t3_carrot.png  
create mode 100644 img/t3_garlic.png  
create mode 100644 img/t3_green_peas.png  
create mode 100644 img/t3_kale.png  
create mode 100644 img/t3_spinach.png  
create mode 100644 img/t3_sweet_potatoes.png  
create mode 100644 img/t4_cat.jpg  
create mode 100644 img/t4_dog.jpg  
create mode 100644 img/t4_parrot.png
```

### 3) Create github repository

Select new repository



Enter repository name

Note: I set repository to private until after submission date so it is not public on github

A screenshot of the 'Create a new repository' form on GitHub. The form is titled 'Create a new repository' and includes a subtitle: 'A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.' The form fields include: 'Owner' (jwhitby91), 'Repository name' (uow-comp804, highlighted with a red box and a green checkmark), 'Description' (optional), 'Public' (selected by default), and 'Private' (highlighted with a red box). Below these are sections for 'Initialize this repository with:', 'Add .gitignore', and 'Choose a license'. At the bottom, there is a green 'Create repository' button highlighted with a red box. A note at the bottom states: 'You are creating a private repository in your personal account.'

#### 4) Add remote github

git remote add origin <https://github.com/jwhitby91/uow-comp804.git>

```
# Remote add origin sets the remote repo path to where changes can be
pushed instead of keeping them locally.
## https://github.com/jwhitby91/uow-comp804.git is copied from the created
github repository
git remote add origin https://github.com/jwhitby91/uow-comp804.git
```

```
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security> git remote add origin https://github.com/jwhitby91/uow-comp804.git
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security>
```

#### 5) Push changes to remote github

git push origin main

```
# push sends changes to remote repository.
## Origin main tells send to branch "main" which gets created.
git push origin main
```

```
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security>
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security> git push origin main
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 4 threads
Compressing objects: 100% (17/17), done.
Writing objects: 100% (17/17), 3.49 MiB | 1.42 MiB/s, done.
Total 17 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/jwhitby91/uow-comp804.git
 * [new branch]      main -> main
PS G:\My Drive\Career\Education\Uni\UOW\2023-comp804-web_security>
```

#### 6) Verify push was successful on remote repo

