steps to push the repository in github for the first time:

open Git Bash

to paste use Shift + Insert

cd "C:\Users\mp3296\OneDrive - Zebra Technologies\Uni\Study\Modules and Structure\Completed Year 1\Term 3\Programming Fundamentals\Assignment 2\InventoryApp"

git init

git add main.py or use git add . to add all files in the folder

git commit -m "Main.py" or use git commit -m "Updated inventory app files" for all files in the folder

git remote add origin https://github.com/mariapricope/Data-Structures-and-Algorithms.git

git push -u origin master

To update existing folders in Git:

cd "C:/Users/mp3296/OneDrive - Zebra Technologies/Uni/Study/Modules and Structure/Completed Year 1/Term 3/Programming Fundamentals/Assignment 2/InventoryApp"

git status

git add .

git commit -m "Updated inventory app files"

git push origin main # or git push origin master if your branch is master

A screenshot of a computer program

Description automatically generated

In case the original files are lost, you can download a copy of the repository:

**Cloning a Repository**

To have the repository files on your local machine, you need to **clone** the repository from GitHub to your PC. Here’s how you can do it:

1. **Get the Repository URL**:
   * Go to your repository page on GitHub.
   * Click the green Code button and copy the URL provided (it will look something like https://github.com/yourusername/your-repo.git).
2. **Open Your Terminal**:
   * You can use Git Bash, Command Prompt, or PowerShell.
3. **Navigate to the Directory Where You Want to Clone**:

cd path/to/your/directory (use “” for paths that have spaces and only add the path to the folder where the file is located)

1. **Clone the Repository**:

git clone <https://github.com/yourusername/your-repo.git>

example:

cd "C:\Users\mp3296\OneDrive - Zebra Technologies\Uni\Study\Modules and Structure\Data Structures and Algorithms\Assignment 2"

git clone https://github.com/mariapricope/Data-Structures-and-Algorithms.git

**Pushing Local Changes to GitHub**

If you’ve initialised a Git repository locally and want to push it to GitHub:

1. **Initialize Git Repository Locally**:
   * Navigate to the directory with your code:

bash

Copy code

cd path/to/your/code

* + Initialise Git:

bash

Copy code

git init

1. **Add Remote Repository**:
   * Add the GitHub repository as a remote:

bash

Copy code

git remote add origin https://github.com/yourusername/your-repo.git

1. **Add Files and Commit**:
   * Add files to Git:

bash

Copy code

git add .

* + Commit changes:

bash

Copy code

git commit -m "Initial commit"

1. **Push Changes to GitHub**:
   * Push your commits to the remote repository:

bash

Copy code

git push -u origin master