5. GIT HOL

■	Created	@August 7, 2025 4:31 PM
■	Tags	git notepad ++
■	Status	Done

Execution Summary

1. Verified that the `main` branch is in a clean state

Executed the following commands:

```
git checkout main
git status
```

Output:

```
On branch main
nothing to commit, working tree clean
```

> This confirmed that the working directory was clean and no pending changes existed.

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2. Listed all available local branches

```
git branch
```

Output:

```
 GitWork
* main
```

> Ensured that no unnecessary branches were left after previous merges. The current branch was confirmed as main.

3. Pulled latest changes from the remote repository

```
git pull origin main
```

Output:

```
Already up to date.
```

> Verified that the local main branch was in sync with the remote.

4. Pushed all pending local changes to the remote

```
git push origin main
```

Output:

```bash
Copy code
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Compressing objects: 100% (10/10), done.
Writing objects: 100% (12/12), 1.11 KiB | 568.00 KiB/s, done.
Total 12 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (5/5), completed with 2 local objects.
To https://github.com/Papun1111/Digital_Nurture_6380180.git
   3fe8ce6..5ed2f33  main → main
```

> This confirmed that all pending changes (from Git-T03-HOL_001 and earlier work) were successfully pushed to GitHub.

5. Verified that the remote repository reflects the latest state

Repository URL:

https://github.com/Papun1111/Digital_Nurture_6380180

- Navigated to the repository

- Switched to the `main` branch

- Verified that the latest commits were visible, including:

  - `Main branch: Add hello.xml with different content`

  - `Resolve merge conflict in hello.xml`

  - `HOL COMPLETED`

Conclusion:

The assignment **Git-T03-HOL_002** has been **successfully completed**. All necessary cleanup and pushing operations were performed as instructed. The local repository is in sync with the remote repository on GitHub.

Let me know if you'd like this exported as a **PDF** or **Word document** for submission.