🧪 Exercise 0 – Git it Online!

📑 Objective

Create a brand-new Git repository from scratch, add a simple file or edit a README, commit your changes, and **push it to your own GitHub profile**. This is your first full Git cycle!

⚒️ Step-by-Step Instructions

1. Create a New Project Folder

Open a terminal and run:

```
mkdir Git_Exercise
cd Git_Exercise
```

2. Initialize a Git Repository

```
git init
```

3. Add a File

Create a simple Python file:

```
echo 'print("Hello, Git!")' > hello.py
```

4. Stage and Commit Your Work

```
git add .
git commit -m "Initial commit with hello world"
```

5. Create a Repository on GitHub

- Go to GitHub
- Click **"New repository"**
- Name it something like Git_Exercise

- **Do NOT** initialize it with a README

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6. Connect Local Repo to GitHub

```
git remote add origin https://github.com/<your-username>/Git_Exercise.git
```

> Replace `<your-username>` with your GitHub handle

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7. Push Your Code to GitHub

```
git push -u origin main
```

> ⚠ If you get an error about `main` not existing, rename your branch first:

```
git branch -M main
git push -u origin main
```

✅ Success Criteria

- Your repository is visible on your GitHub profile
- It contains either `hello.py` or a `README.md`
- The commit history shows your initial commit

🎯 Bonus (Optional)

- Clone your own repo into a new folder and run the file
- Add a second file and practice making a second commit

Happy first push! 🚀