

Introduction to GitHub - Starter Activity

Objective:

Learners will create their first GitHub repository, upload a Python file, and make their first commit. This intro

Step-by-Step Instructions:

Step 1: Create a GitHub Account

- Go to <https://github.com>
- Sign up using your college email address
- Choose a username and set up your profile

Step 2: Create a New Repository

- Click the `+` icon in the top-right corner · New repository
- Repository name: github-intro-activity
- Description: ·My first GitHub project for Unit 4·
- Set to Public or Private (your choice)
- Tick ·Add a README file·
- Click Create repository

Step 3: Add a Python File

1. Click ·Add file· · ·Create new file·
2. Name the file: hello.py
3. Paste the following code:

```
print("Hello, GitHub! This is my first commit.")
```
4. Scroll down and write a commit message:
Add hello.py with a welcome message
5. Click Commit new file

Step 4: Explore Your Repository

- Click on the file to view it
- Click on ·Commits· to see your commit history
- Try editing the file and making another commit

Extension Challenge (Optional):

- Create a new branch called feature-greeting
- Modify hello.py to ask for the user's name and greet them
- Commit the change and merge it into the main branch

Learning Outcome:

By the end of this activity, learners will:

- Understand what a repository is
- Know how to commit and track changes
- Be ready to use GitHub for their Unit 4 coding project