

# Introduction to GitHub – Starter Activity

## Objective

Learners will create their first GitHub repository, upload a Python file, and make their first commit. This introduces them to version control and prepares them for collaborative coding.

## 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:

```
1 print("Hello, GitHub! This is my first commit.")
2
```

4. Scroll down and write a commit message:

```
Add hello.py with a welcome message
```

5. Add hello.py with a welcome message
6. 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