**Python Problem Solving using GitHub (Fork, Clone, Pull)**

### Tools Used:

**GitHub**

**VS Code**

**Git Bash**

**Python**

### ****Step 1: Fork the Repository****

Go to your sir’s GitHub repository.

Click the **"Fork"** button on the top-right.

This creates a copy of the repo in your own GitHub account.

### ****Step 2: Clone the Forked Repo to Your Local System****

Go to **your forked repo**.

Click the green **“Code”** button and **copy the HTTPS URL**.

Open **Git Bash** and run:

git clone https://github.com/your-username/repo-name.git

Then move into the folder:

cd repo-name

Step 3: Open the Repo in VS Code:

code .

### ****Step 4: After Solving - Add, Commit, and Push****

Add changes:

git add .

Commit with a message:

git commit -m "Solved Python problems on Day 4"

Push to GitHub:

git push

### ****Step 5: Pull Changes from Original Repo (if sir updates)****

If **sir updates the original repo** and you want those updates too:

First, **add sir’s repo as the upstream remote** (do this only once):

git remote add upstream https://github.com/sir-username/repo-name.git

Then pull the latest changes from sir’s repo:

git pull upstream main

If there are no conflicts, your local repo now has the updated files.