**Day - 2 Push - Pull - Token**

Fetch and Merge Changes:

**git pull origin <branch-name>**

**What it does**:  
Fetches changes from the remote repository and merges them into your current local branch.

Convert Local Repo to Global (Push Local to GitHub):

**Create a repo on GitHub:**

Go to [GitHub](https://github.com" \t "_new) → Click **"New Repository"**

Name your repo, leave it **empty**

**Initialize Git in your local project (if not already)**:

git init

**Connect local repo to remote GitHub repo**:

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

**Add your files**:

git add .

**Commit changes**:

git commit -m "Initial commit"

**Push to GitHub**:

git push -u origin main

If your branch is master, replace main with master.

### GitHub Personal Access Token (PAT):

**Why**: For secure authentication (replaces password while pushing/pulling)

**Steps to Create Token**:

1. Go to [GitHub → Settings → Developer Settings → Personal Access Tokens](https://github.com/settings/tokens" \t "_new)
2. Click **"Generate new token (classic)"**
3. Set expiration (e.g., 30 days) and **scopes** like repo
4. Click **Generate Token**
5. Copy and save the token **immediately** (you won't see it again)

**Usage**:  
When pushing or pulling, use:

**Username**: Your GitHub username

**Password**: Paste the **token** instead of your password

**Full Example (Local → Global):**

**cd your-project-folder**

**git init**

**git remote add origin https://github.com/username/project-name.git**

**git add .**

**git commit -m "Initial commit"**

**git push -u origin main**