**L3 - Using Local and Remote git repositories demonstrate git pull and git fetch. Compare the differences**

**Part 1: Set Up Remote Repo on GitHub**

1. Go to <https://github.com>
2. Click **New repository**
3. Name it: git-lab
4. Add a README.md file (important)
5. Click **Create repository**

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**Part 2: Clone Remote Repo to Your Local System**

1. Open **Git Bash** or terminal
2. Clone the repo:

git <https://github.com/Sunny-1986/git-lab.git>

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3.Move into the repo folder: cd git-lab

**PART 3.Make a local change**

create a new file:

echo “Hello from local!” >local.txt

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Commit and Push it:

git add local.txt

git commit -m "Add local.txt"

git push origin main

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**Part 4: Simulate Remote Change (via GitHub)**

1. Go back to GitHub in browser
2. Open your git-lab repo
3. Click **Add file > Create new file**
4. Name it remote.txt, write: Hello from remote!
5. Commit directly to the main branch

**Part 5: Run git fetch on Local**

1. inside git-lab folder:

git fetch

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**To see what's fetched:**

git log origin/main

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git diff origin/main main command can be used to compare

**Part 6: Run git pull**

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ls will list all folders

**A screen shot of a computer code

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