

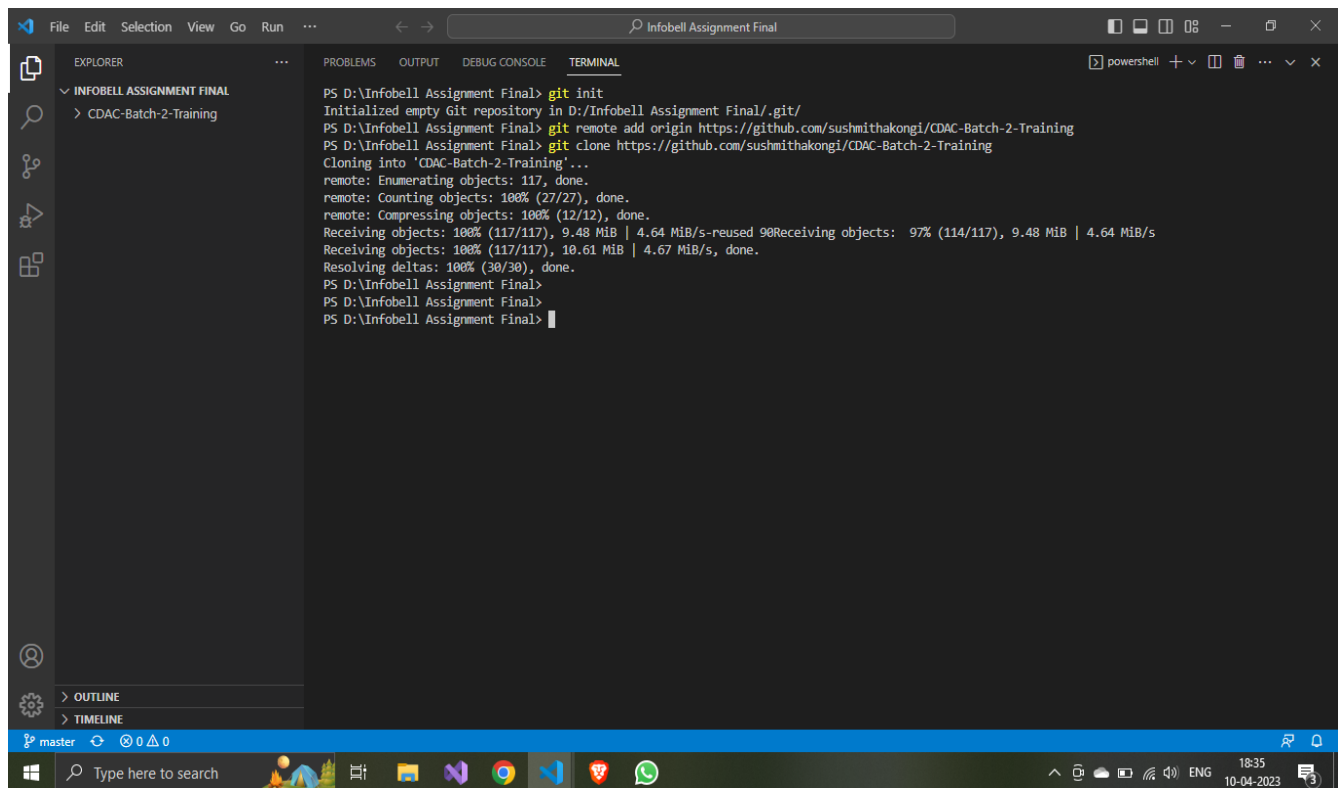
Name - Anup Vitthal Kore

Topic - Git Practice

Date - 10-04-2023

Screenshots :

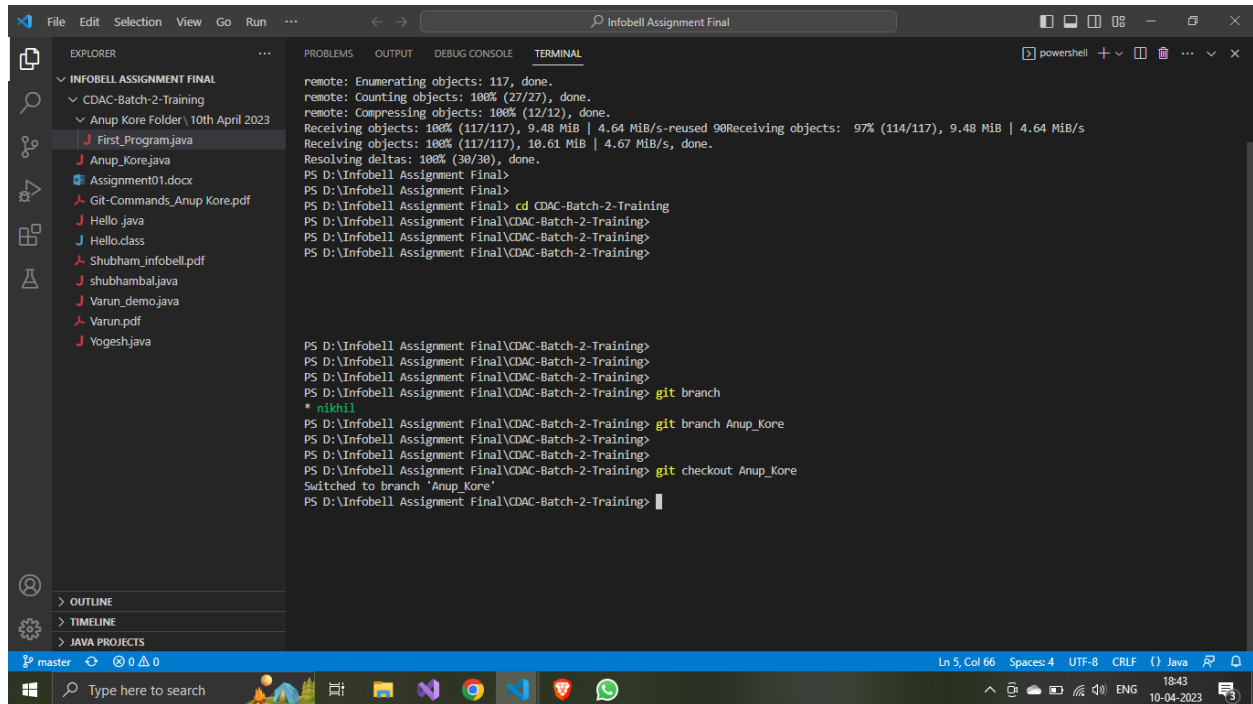
### 1. Git Initialization + Adding Remote Origin + Cloning the Repository



```
PS D:\Infobell Assignment Final> git init
Initialized empty Git repository in D:\Infobell Assignment Final\.git\
PS D:\Infobell Assignment Final> git remote add origin https://github.com/sushmithakongi/CDAC-Batch-2-Training
PS D:\Infobell Assignment Final> git clone https://github.com/sushmithakongi/CDAC-Batch-2-Training
Cloning into 'CDAC-Batch-2-Training'...
remote: Enumerating objects: 117, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (12/12), done.
Receiving objects: 100% (117/117), 9.48 MiB | 4.64 MiB/s-reused 90
Receiving objects: 100% (117/117), 10.61 MiB | 4.67 MiB/s, done.
Resolving deltas: 100% (30/30), done.
PS D:\Infobell Assignment Final>
PS D:\Infobell Assignment Final>
PS D:\Infobell Assignment Final>
```

The screenshot shows the Visual Studio Code interface with the terminal pane open. The terminal displays the execution of Git commands: `git init`, `git remote add origin https://github.com/sushmithakongi/CDAC-Batch-2-Training`, and `git clone https://github.com/sushmithakongi/CDAC-Batch-2-Training`. The output shows the repository being initialized and cloned successfully. The Explorer pane on the left shows the file structure with 'INFOBELL ASSIGNMENT FINAL' and 'CDAC-Batch-2-Training' folders. The bottom status bar shows the current branch as 'master'.

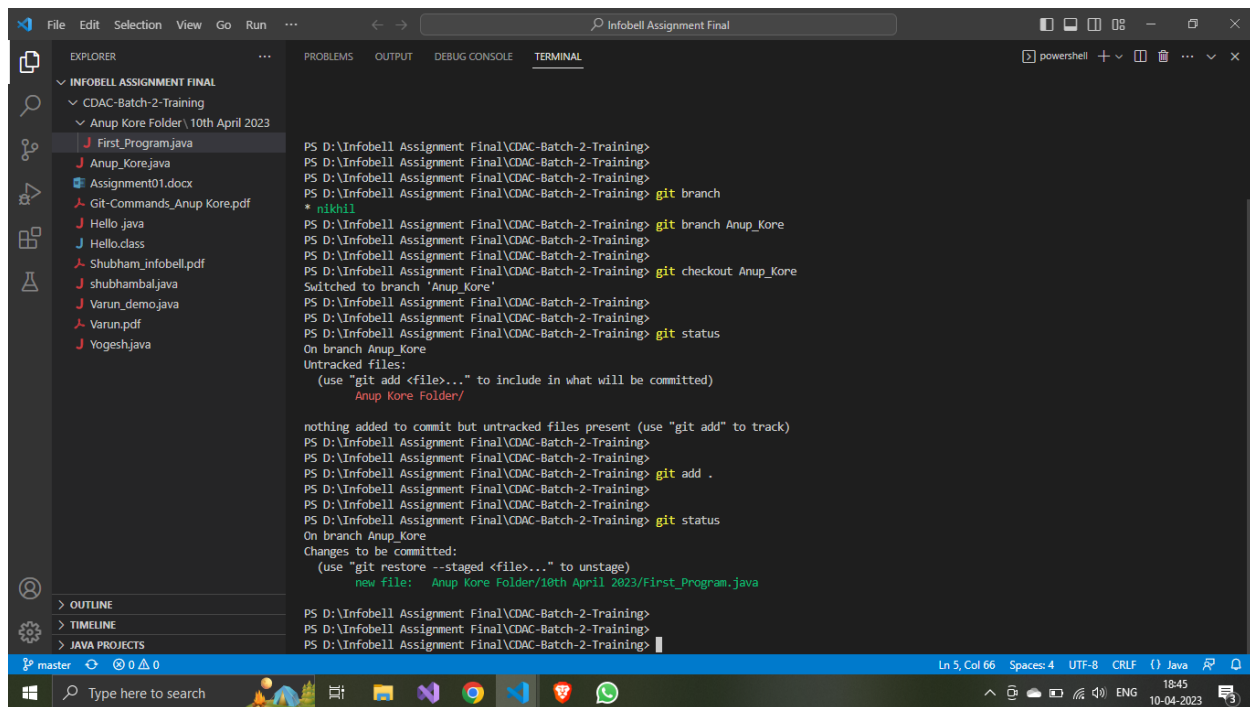
## 2. Creating a branch and checking out to that branch.



The screenshot shows the Visual Studio Code interface with the Explorer, Problems, Output, Debug Console, and Terminal panels. The Explorer panel on the left shows a project structure with a folder named 'CDAC-Batch-2-Training' containing several files. The Terminal panel on the right shows a PowerShell session where a git checkout command is being executed to switch to a branch named 'Anup\_Kore'.

```
remote: Enumerating objects: 117, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (12/12), done.
Receiving objects: 100% (117/117), 9.48 MiB | 4.64 MiB/s-reused 90Receiving objects: 97% (114/117), 9.48 MiB | 4.64 MiB/s
Receiving objects: 100% (117/117), 10.61 MiB | 4.67 MiB/s, done.
Resolving deltas: 100% (30/30), done.
PS D:\Infobell Assignment Final>
PS D:\Infobell Assignment Final> cd CDAC-Batch-2-Training
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git branch
* nikhil
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git branch Anup_Kore
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git checkout Anup_Kore
Switched to branch 'Anup_Kore'
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
```

### 3. Git status and Adding untracked files

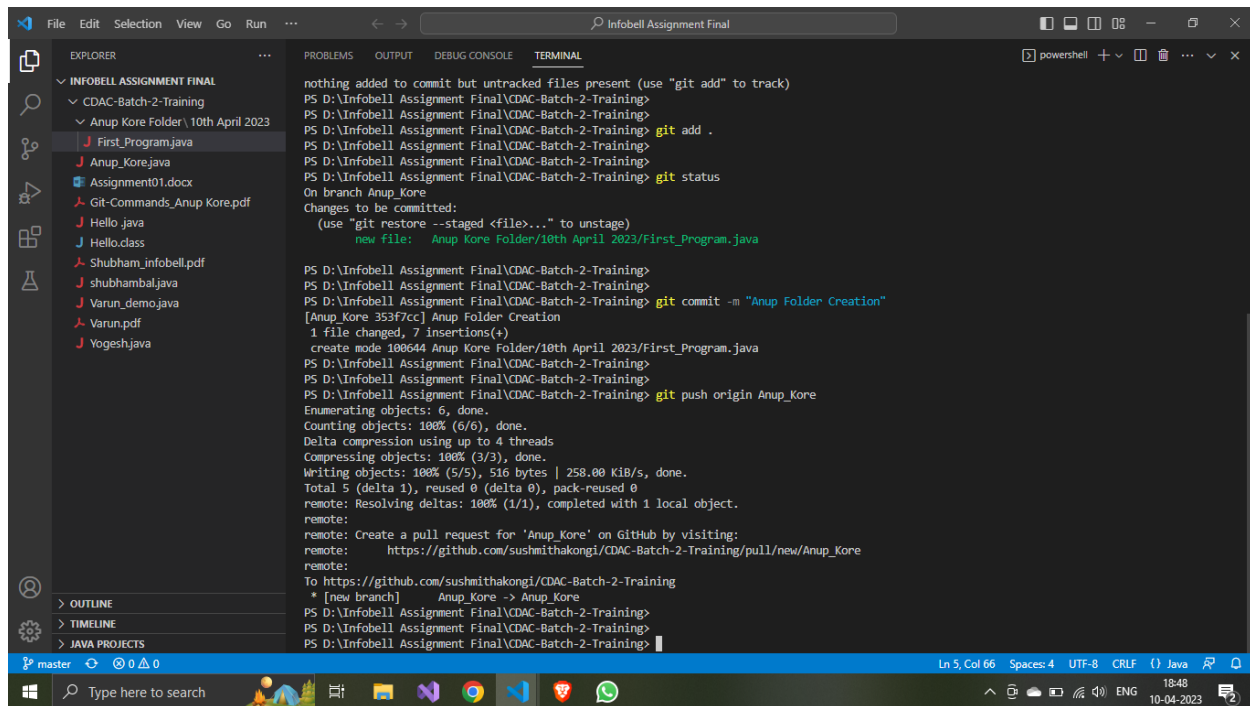


The screenshot shows the Visual Studio Code interface with the Explorer, Search, and Run and Debug panels. The Explorer panel shows a project structure with files like First\_Program.java, Anup\_Kore.java, Assignment01.docx, Git-Commands\_Anup\_Kore.pdf, Hello.java, Hello.class, Shubham\_infobell.pdf, Shubham.java, Varun\_demo.java, Varun.pdf, and Yogesh.java. The Search panel is empty. The Run and Debug panel shows the terminal output for the command 'git status'.

```
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git status
On branch Anup_Kore
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Anup_Kore Folder/

nothing added to commit but untracked files present (use "git add" to track)
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git add .
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git status
On branch Anup_Kore
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Anup_Kore Folder/10th April 2023/First_Program.java
```

## 4. Committing and pushing files into the repository



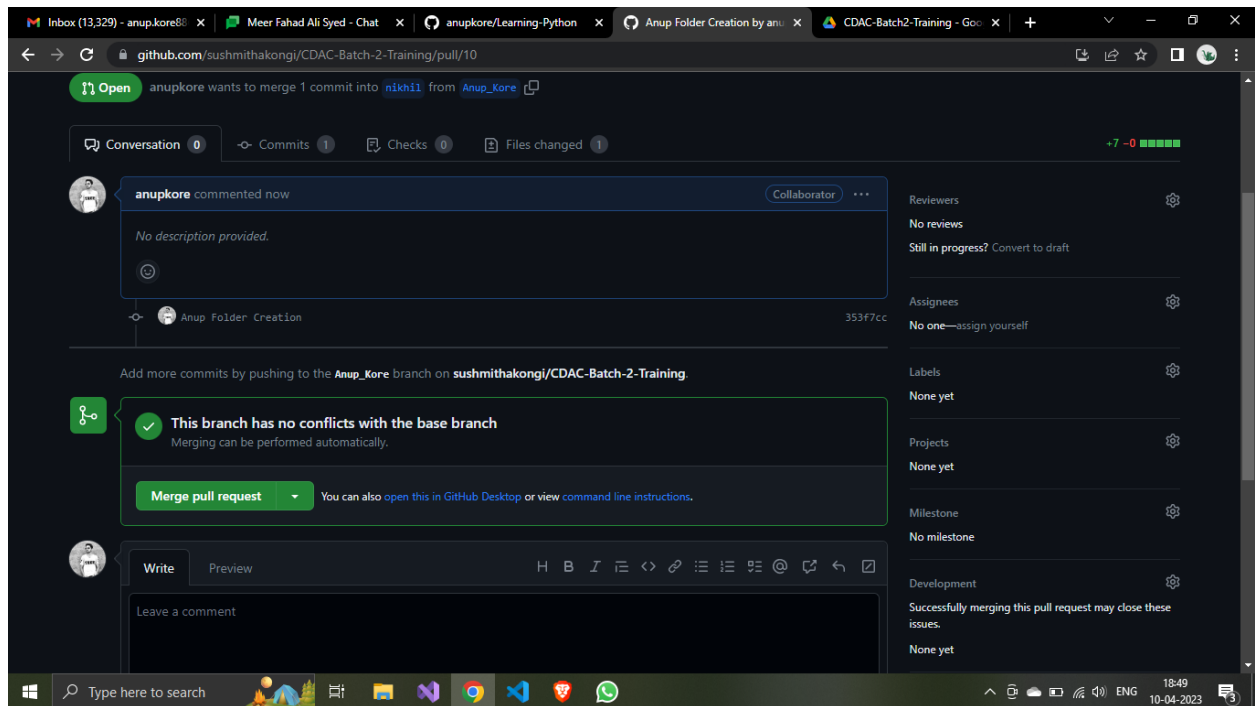
The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer pane on the left shows a project structure for 'INFOBELL ASSIGNMENT FINAL' with a subfolder 'CDAC-Batch-2-Training' containing an 'Anup Kore Folder\10th April 2023' which has files 'First\_Program.java', 'Anup\_Kore.java', 'Assignment01.docx', 'Git-Commands\_Anup\_Kore.pdf', 'Hello.java', 'Hello.class', 'Shubham\_infobell.pdf', 'Shubhambal.java', 'Varun\_demo.java', 'Varun.pdf', and 'Yogesh.java'. The terminal window shows the following commands and output:

```
nothing added to commit but untracked files present (use "git add" to track)
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git add .
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git status
On branch Anup_Kore
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   Anup Kore Folder\10th April 2023\First_Program.java

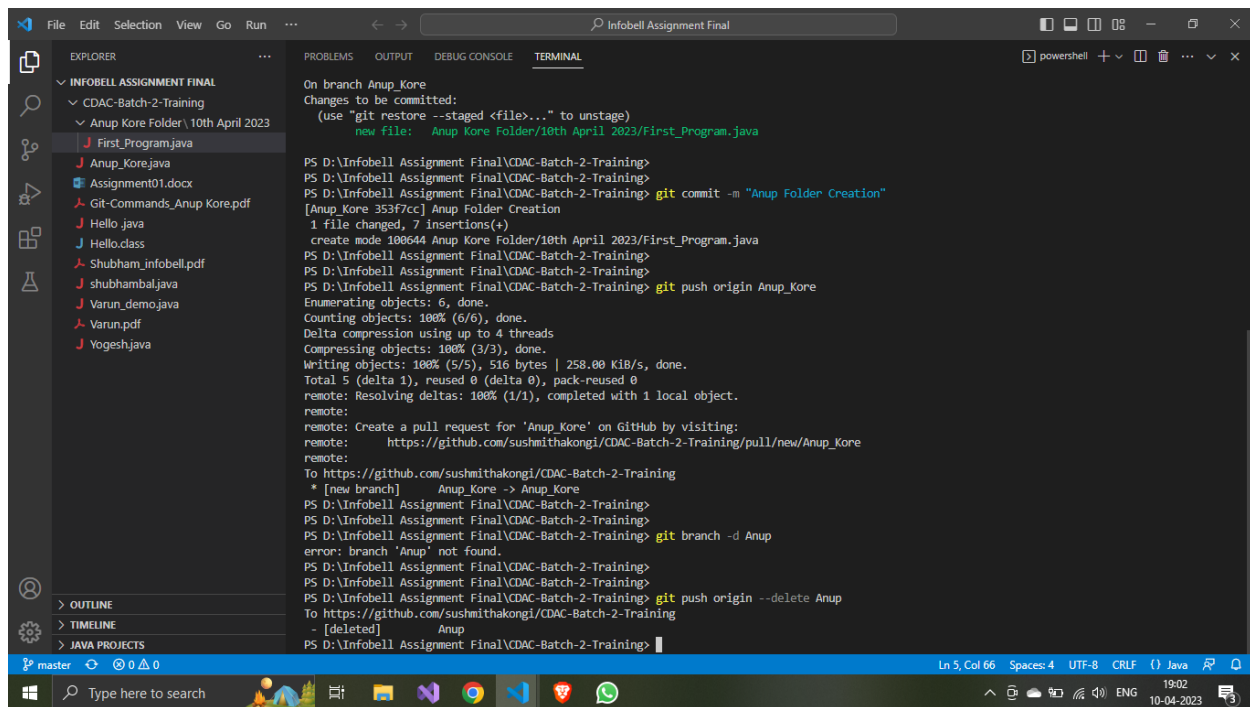
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git commit -m "Anup Folder Creation"
[Anup_Kore 353f7cc] Anup Folder Creation
 1 file changed, 7 insertions(+)
   create mode 100644 Anup Kore Folder\10th April 2023\First_Program.java
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git push origin Anup_Kore
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 516 bytes | 258.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'Anup_Kore' on GitHub by visiting:
remote:   https://github.com/sushmithakongi/CDAC-Batch-2-Training/pull/new/Anup_Kore
remote:
To https://github.com/sushmithakongi/CDAC-Batch-2-Training
 * [new branch]   Anup_Kore -> Anup_Kore
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
```

The status bar at the bottom shows the current branch is 'master' and the file encoding is UTF-8 with CRLF line endings.

## 5. Merging files with no conflicts using Github UI



## 6. Deleting a branch from remote



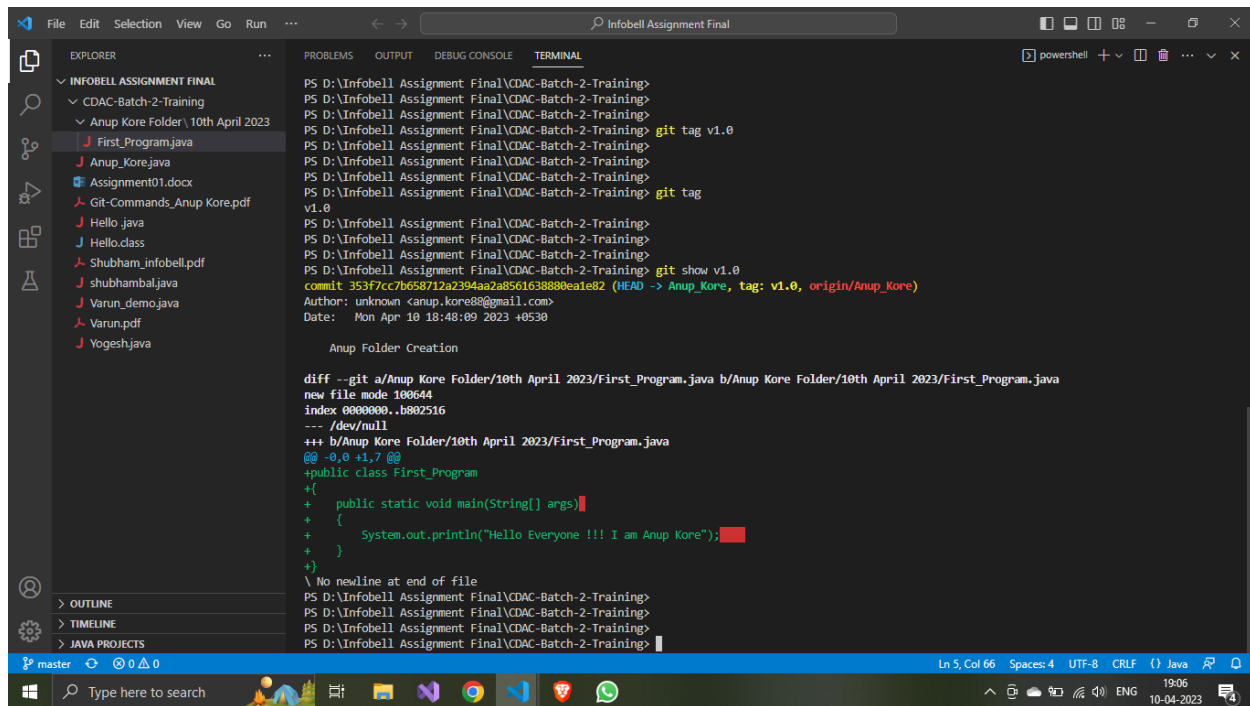
The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer pane on the left shows a project structure for 'INFOBELL ASSIGNMENT FINAL' with a subfolder 'CDAC-Batch-2-Training' containing a file 'First\_Program.java'. The terminal window displays the following commands and output:

```
On branch Anup_Kore
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Anup_Kore Folder/10th April 2023/First_Program.java

PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git commit -m "Anup Folder Creation"
[Anup_Kore 353f7cc] Anup Folder Creation
1 file changed, 7 insertions(+)
 create mode 100644 Anup_Kore Folder/10th April 2023/First_Program.java
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git push origin Anup_Kore
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 516 bytes | 258.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'Anup_Kore' on GitHub by visiting:
remote:   https://github.com/sushmithakongi/CDAC-Batch-2-Training/pull/new/Anup_Kore
remote:
To https://github.com/sushmithakongi/CDAC-Batch-2-Training
 * [new branch]   Anup_Kore -> Anup_Kore
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git branch -d Anup
error: branch 'Anup' not found.
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git push origin --delete Anup
To https://github.com/sushmithakongi/CDAC-Batch-2-Training
 - [deleted]      Anup
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
```

The status bar at the bottom indicates the current branch is 'master' and the file encoding is UTF-8.

## 7. Creating a Tag and Showing Tag Information



The screenshot shows the Visual Studio Code interface with a terminal window open. The Explorer pane on the left shows a project structure with a folder named 'Anup Kore Folder\10th April 2023' containing files like 'First\_Program.java', 'Anup\_Kore.java', 'Assignment01.docx', 'Git-Commands\_Anup Kore.pdf', 'Hello.java', 'Hello.class', 'Shubham\_infobell.pdf', 'Shubhambal.java', 'Varun\_demo.java', 'Varun.pdf', and 'Yogesh.java'. The terminal window shows the following commands and output:

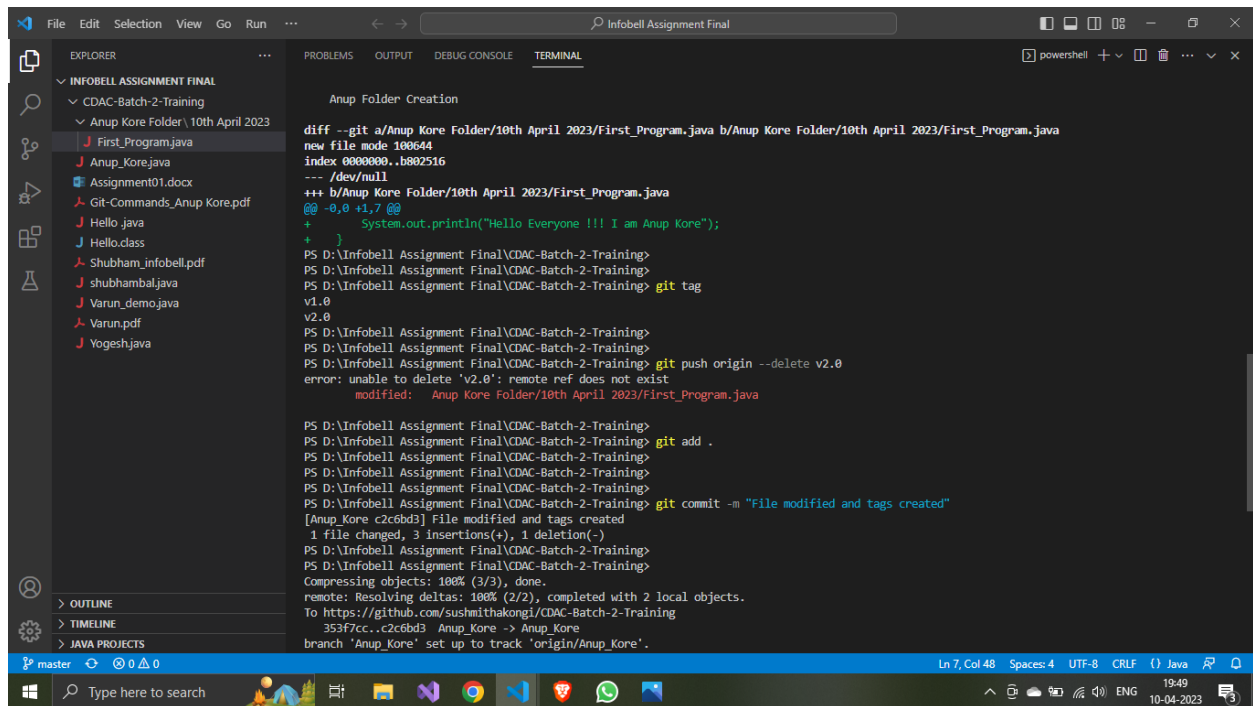
```
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git tag v1.0
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git tag
v1.0
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git show v1.0
commit 353f7cc7b658712a2394aa2a8561638880ea1e82 (HEAD -> Anup_Kore, tag: v1.0, origin/Anup_Kore)
Author: unknown <anup.kore88@gmail.com>
Date: Mon Apr 10 18:48:09 2023 +0530

    Anup Folder Creation

diff --git a/Anup Kore Folder/10th April 2023/First_Program.java b/Anup Kore Folder/10th April 2023/First_Program.java
new file mode 100644
index 0000000..1b802516
--- /dev/null
+++ b/Anup Kore Folder/10th April 2023/First_Program.java
@@ -0,0 +1,7 @@
+public class First_Program
+{
+    public static void main(String[] args)
+    {
+        System.out.println("Hello Everyone !!! I am Anup Kore");
+    }
+}
\ No newline at end of file
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
```

The status bar at the bottom indicates the current file is 'Ln 5, Col 66', with 4 spaces, UTF-8 encoding, CRLF line endings, and the file is a Java file. The system clock shows 19:06 on 10-04-2023.

## 8. Deleting a Tag



```
File Edit Selection View Go Run ... Infobell Assignment Final
EXPLORER PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
INFOBELL ASSIGNMENT FINAL
  CDAC-Batch-2-Training
    Anup Kore Folder\10th April 2023
      First_Program.java
      Anup_Kore.java
      Assignment01.docx
      Git-Commands_Anup Kore.pdf
      Hello.java
      Hello.class
      Shubham_infobell.pdf
      shubhambal.java
      Varun_demo.java
      Varun.pdf
      Yogesh.java

diff --git a/Anup Kore Folder/10th April 2023/First_Program.java b/Anup Kore Folder/10th April 2023/First_Program.java
new file mode 100644
index 0000000..b802516
--- /dev/null
+++ b/Anup Kore Folder/10th April 2023/First_Program.java
@@ -0,0 +1,7 @@
+ System.out.println("Hello Everyone !!! I am Anup Kore");
+ }
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git tag
v1.0
v2.0
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git push origin --delete v2.0
error: unable to delete 'v2.0': remote ref does not exist
modified:   Anup Kore Folder/10th April 2023/First_Program.java

PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git add .
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training> git commit -m "File modified and tags created"
[Anup Kore c2c6bd3] File modified and tags created
1 file changed, 3 insertions(+), 1 deletion(-)
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
PS D:\Infobell Assignment Final\CDAC-Batch-2-Training>
Compressing objects: 100% (3/3), done.
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/sushmithakongi/CDAC-Batch-2-Training
353f7cc..c2c6bd3 Anup_Kore -> Anup_Kore
branch 'Anup_Kore' set up to track 'origin/Anup_Kore'.

Ln 7, Col 48 Spaces: 4 UTF-8 CRLF {} Java
Type here to search 19:49 10-04-2023
```



## 9. Pull request from main branch

The screenshot shows the Visual Studio Code editor with a terminal window open. The terminal displays the output of a `git pull` command, showing that it fetched updates from the origin/main branch and fast-forwarded the local branch. The file explorer on the left shows the project structure, including a folder named `INFOTELL ASSIGNMENT FINAL` and a file named `Assignment01.docx`.