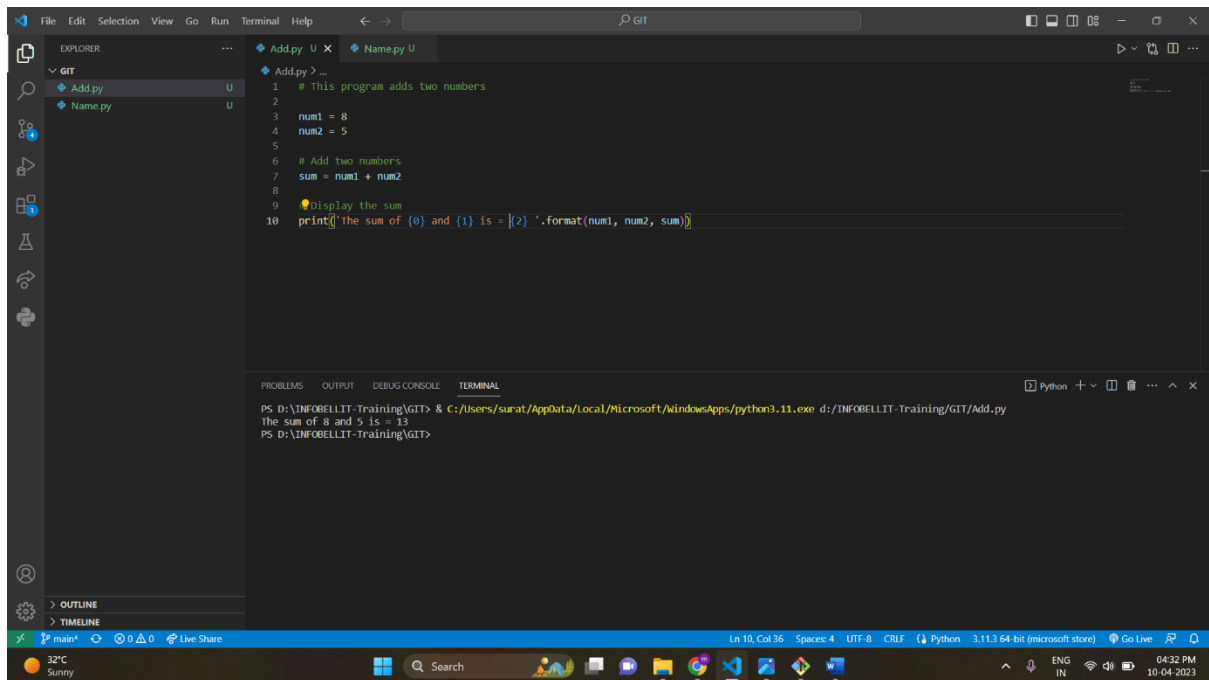


## GIT Commands :



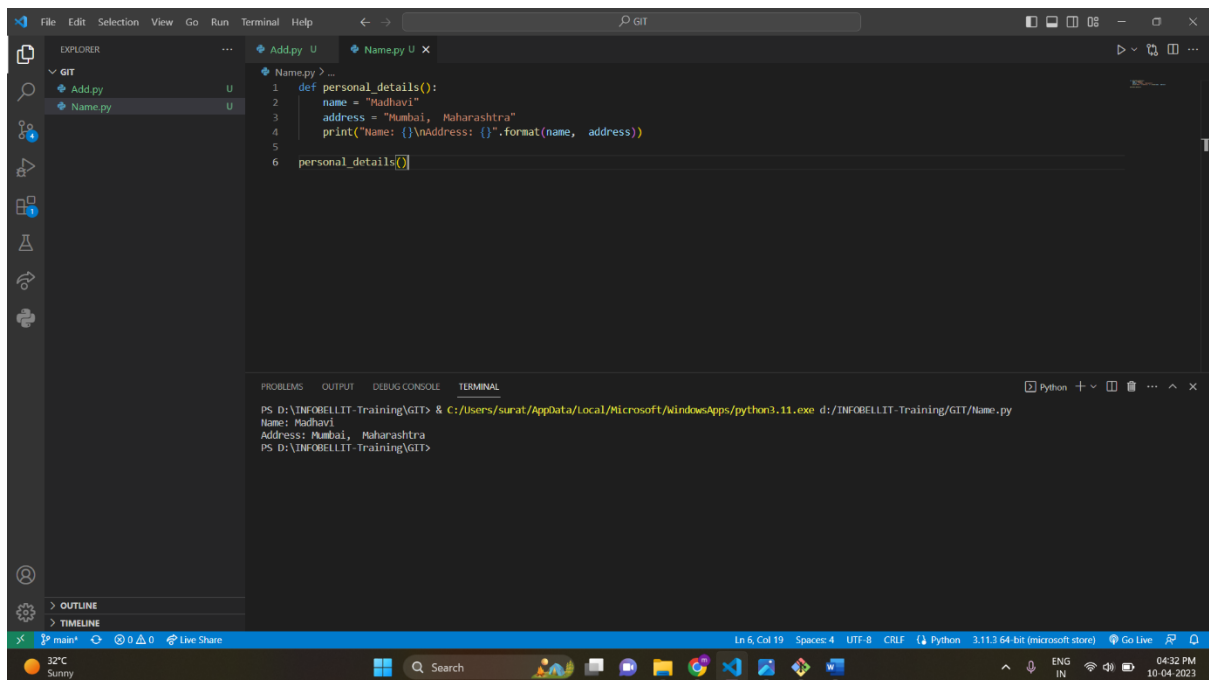
This screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying a project named 'GIT' containing two files: 'Add.py' and 'Name.py'. The main editor window is open to 'Add.py', which contains a Python script that adds two numbers, 8 and 5, and prints the result. The script is as follows:

```
1 # This program adds two numbers
2
3 num1 = 8
4 num2 = 5
5
6 # Add two numbers
7 sum = num1 + num2
8
9 # Display the sum
10 print('The sum of {0} and {1} is {2}'.format(num1, num2, sum))
```

Below the editor, the TERMINAL panel is active, showing the command to run the script and its output:

```
PS D:\INFOBELLIT-Training\GIT> & C:/Users/surat/AppData/Local/Microsoft/WindowsApps/python3.11.exe d:/INFOBELLIT-Training/GIT/Add.py
The sum of 8 and 5 is 13
PS D:\INFOBELLIT-Training\GIT>
```

The status bar at the bottom indicates the file is on the 'main' branch, with 0 changes, and the Python interpreter is set to 'Python 3.11.3 64-bit (microsoft store)'.



This screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying the same 'GIT' project. The main editor window is now open to 'Name.py', which contains a Python script that defines a function to print personal details. The script is as follows:

```
1 def personal_details():
2     name = "Madhavi"
3     address = "Mumbai, Maharashtra"
4     print("Name: {}\nAddress: {}".format(name, address))
5
6 personal_details()
```

The TERMINAL panel below shows the command to run the script and its output:

```
PS D:\INFOBELLIT-Training\GIT> & C:/Users/surat/AppData/Local/Microsoft/WindowsApps/python3.11.exe d:/INFOBELLIT-Training/GIT/Name.py
Name: Madhavi
Address: Mumbai, Maharashtra
PS D:\INFOBELLIT-Training\GIT>
```

The status bar at the bottom indicates the file is on the 'main' branch, with 0 changes, and the Python interpreter is set to 'Python 3.11.3 64-bit (microsoft store)'.

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file tree with 'GIT' as the root, containing 'Add.py' and 'Name.py'. The editor pane shows the content of 'Name.py', which is a Python script defining a function 'personal\_details()' that prints a formatted string of 'name' and 'address'. The terminal pane at the bottom shows the execution of the script and the initialization of a Git repository.

```
1 def personal_details():
2     name = "Madhavi"
3     address = "Mumbai, Maharashtra"
4     print("Name: {}\nAddress: {}".format(name, address))
5
6 personal_details()
```

```
PS D:\INFOBELLIT-Training\GIT> & C:/Users/surat/AppData/Local/Microsoft/WindowsApps/python3.11.exe d:/INFOBELLIT-Training/GIT/Name.py
Name: Madhavi
Address: Mumbai, Maharashtra
PS D:\INFOBELLIT-Training\GIT> git --version
git version 2.40.0.windows.1
PS D:\INFOBELLIT-Training\GIT> git config --global user.name "madhavisuratk"
PS D:\INFOBELLIT-Training\GIT> git config --global user.email suratkarmadhavi456@gmail.com
PS D:\INFOBELLIT-Training\GIT> git init
Reinitialized existing Git repository in D:/INFOBELLIT-Training/GIT/.git/
PS D:\INFOBELLIT-Training\GIT>
```

This screenshot shows the same Visual Studio Code interface as the first one, but with additional terminal output. The terminal shows the cloning of the repository from GitHub and a warning message indicating that an empty repository was cloned.

```
PS D:\INFOBELLIT-Training\GIT> & C:/Users/surat/AppData/Local/Microsoft/WindowsApps/python3.11.exe d:/INFOBELLIT-Training/GIT/Name.py
Name: Madhavi
Address: Mumbai, Maharashtra
PS D:\INFOBELLIT-Training\GIT> git --version
git version 2.40.0.windows.1
PS D:\INFOBELLIT-Training\GIT> git config --global user.name "madhavisuratk"
PS D:\INFOBELLIT-Training\GIT> git config --global user.email suratkarmadhavi456@gmail.com
PS D:\INFOBELLIT-Training\GIT> git init
Reinitialized existing Git repository in D:/INFOBELLIT-Training/GIT/.git/
PS D:\INFOBELLIT-Training\GIT> git clone https://github.com/suratkarmadhavi/GIT.git
Cloning into 'GIT'...
warning: You appear to have cloned an empty repository.
PS D:\INFOBELLIT-Training\GIT>
```

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project named 'GIT' with files 'Add.py' and 'Name.py'. The editor window displays 'Name.py' with the following code:

```
1 def personal_details():
2     name = "Madhavi"
3     address = "Mumbai, Maharashtra"
4     print("Name: {} \n Address: {}".format(name, address))
5
6 personal_details()
```

The terminal window at the bottom shows the output of the command `git status`:

```
PS D:\INFOBELTIT-Training\GIT> git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    file1
        deleted:    file2

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Add.py
        GIT/
        Name.py

no changes added to commit (use "git add" and/or "git commit -a")
PS D:\INFOBELTIT-Training\GIT>
```

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a project named 'GIT-Practice' with files 'Add.py' and 'Name.py'. The editor window displays 'Add.py' with the following code:

```
1 # This program adds two numbers
2
3 num1 = 8
4 num2 = 5
5
6
7 sum = num1 + num2
8
9
10 print("The sum of {0} and {1} is = {2} ".format(num1, num2, sum))
```

The terminal window at the bottom shows the output of the command `python Add.py`:

```
PS D:\INFOBELTIT\GIT> & C:\Users\sarat\AppData\Local\Microsoft\WindowsApps\python3.11.exe d:/INFOBELTIT/GIT/Add.py
The sum of 8 and 5 is = 13
PS D:\INFOBELTIT\GIT> cd GIT-Practice
PS D:\INFOBELTIT\GIT\GIT-Practice> git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Add.py
        Name.py

nothing added to commit but untracked files present (use "git add" to track)
PS D:\INFOBELTIT\GIT\GIT-Practice> git add .
PS D:\INFOBELTIT\GIT\GIT-Practice> git commit -m "Addition"
[main (root-commit) 0376b2f] Addition
2 files changed, 16 insertions(+)
```

The screenshot shows the Visual Studio Code editor interface. On the left, the Explorer pane shows a project named 'GIT' with files 'Add.py' and 'Name.py'. The main editor area displays the content of 'Add.py', which is a Python script that adds two numbers and prints the result. The script is as follows:

```
1 # This program adds two numbers
2
3 num1 = 8
4 num2 = 5
5
6
7 sum = num1 + num2
8
9
10 print("The sum of {0} and {1} is = {2} ".format(num1, num2, sum))
```

Below the editor, the TERMINAL pane shows the output of several git commands executed in a PowerShell prompt:

```
PS D:\INFOBELIT\GIT\GIT-Practice> git add .
PS D:\INFOBELIT\GIT\GIT-Practice> git commit -m "Additionn"
[main (root-commit) 0376b2f] Additionn
2 files changed, 16 insertions(+)
create mode 100644 Add.py
create mode 100644 Name.py
PS D:\INFOBELIT\GIT\GIT-Practice> git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 32 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 477 bytes | 238.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/suratkarmadhavi/GIT-Practice.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS D:\INFOBELIT\GIT\GIT-Practice>
```

