

**MODULE -5**

**MANAGING SOURCE CODE – GIT**

**AND GITHUB**

**SUBMITTED BY – BALASASTHA P**

**SUBMITTED TO – STARAGILE**

**DATE OF SUBMISSION – 08-12-2024**

**L5**

## **L5 - Push the incremental changes to GitHub Repository through Visual Studio Code IDE**

To push incremental changes to a GitHub repository through Visual Studio Code on Windows, first → **Open Visual Studio Code** and ensure GitHub repository is cloned → Make the **changes** to your files in VS Code → Go to the **Source Control panel** by clicking pressing **Ctrl + Shift + G**, where you'll see all modified files → **Commit the changes** by clicking the + (plus) icon next to the changed files or selecting **Stage All Changes** → After committing, enter a commit message in the **Message** field and click the checkmark icon to **commit** the changes → Open the terminal and run **"git push"** → The changes will be pushed to your GitHub repository.

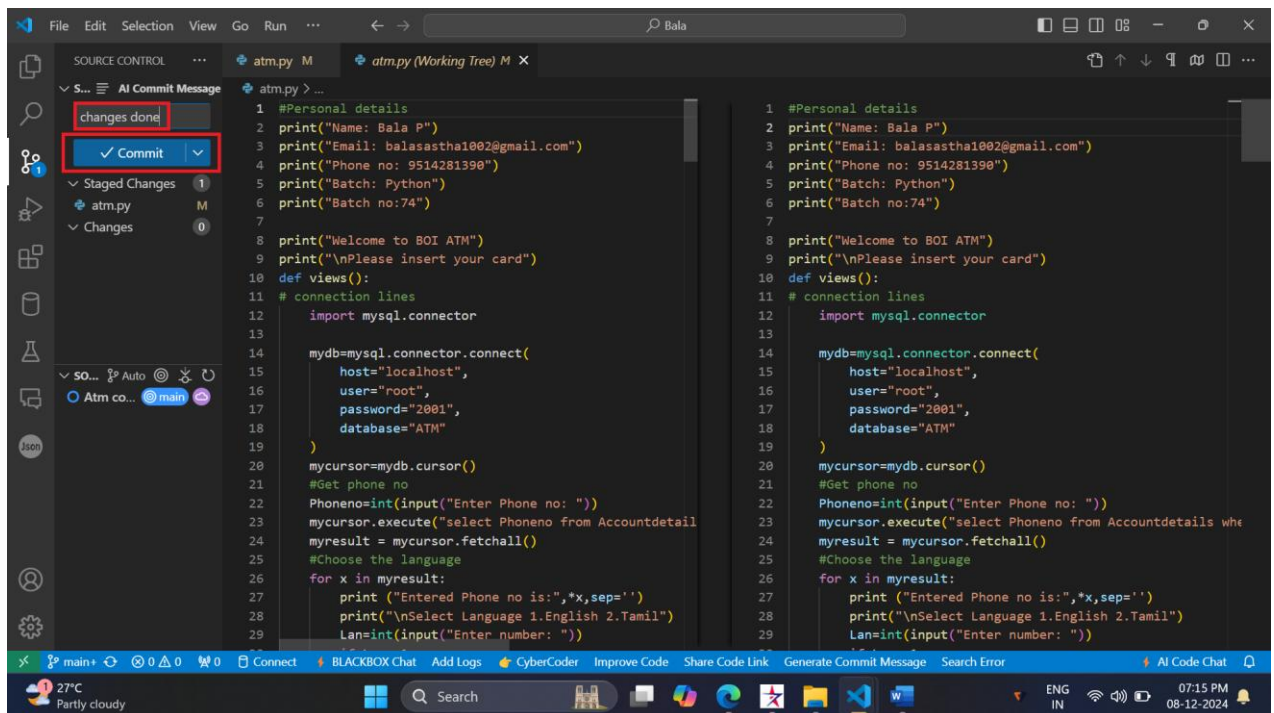
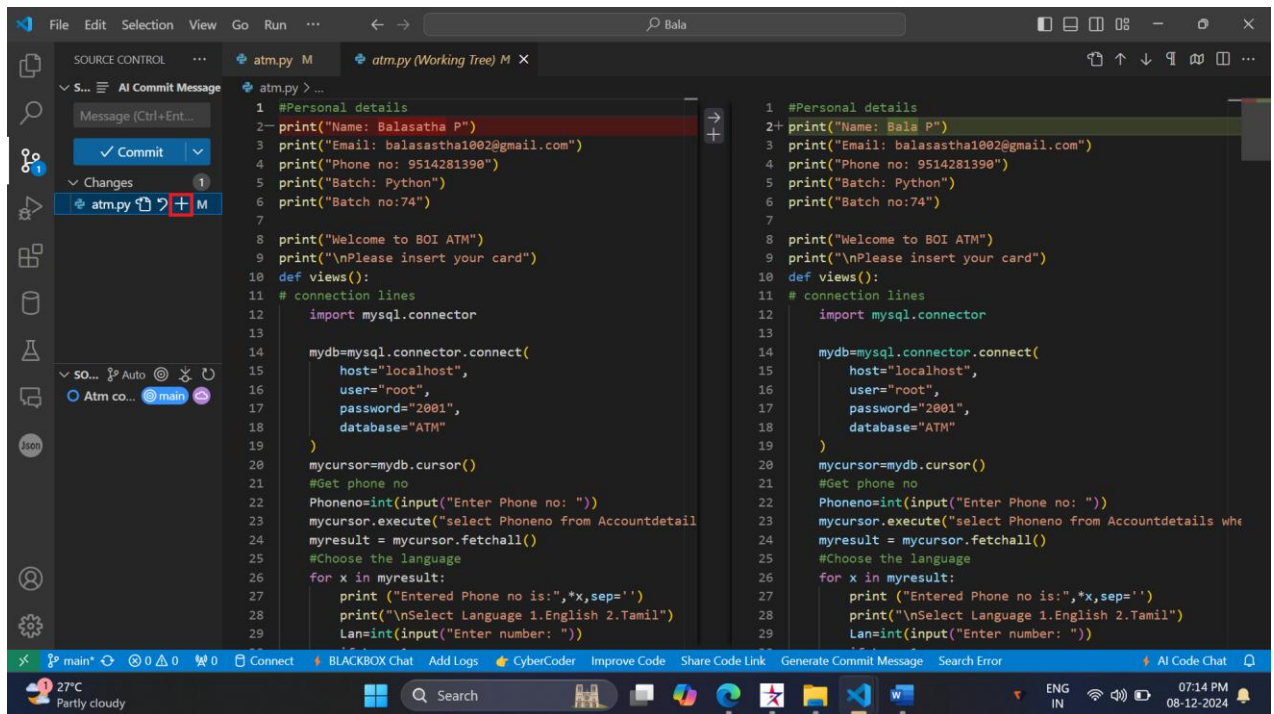
.

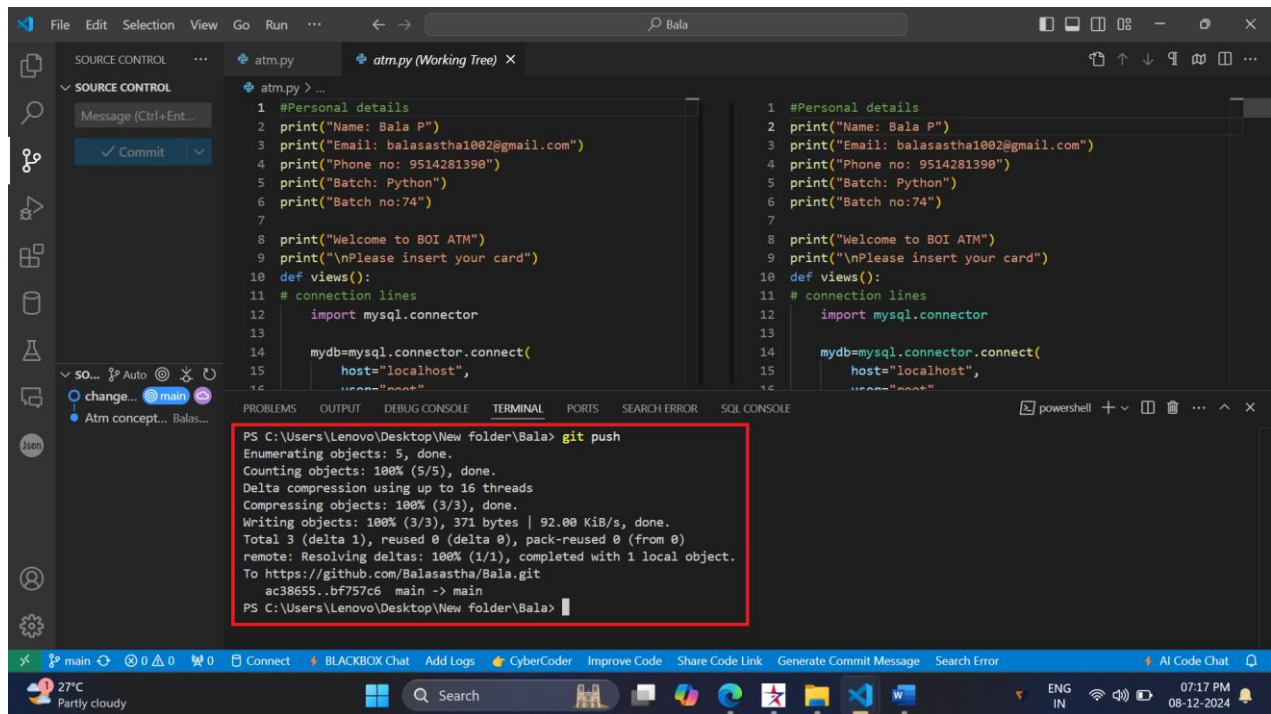
```
1 #Personal details
2 print("Name: Balasatha P")
3 print("Email: balasatha1002@gmail.com")
4 print("Phone no: 9514281390")
5 print("Batch: Python")
6 print("Batch no:74")
7
8 print("Welcome to BOI ATM")
9 print("\nPlease insert your card")
10 def views():
11     # connection lines
12     import mysql.connector
13
14     mydb=mysql.connector.connect(
15         host="localhost",
16         user="root",
17         password="2001",
18         database="ATM"
19     )
20     mycursor=mydb.cursor()
21     #Get phone no
22     Phoneno=int(input("Enter Phone no: "))
23     mycursor.execute("select Phoneno from Accountdetails where Phoneno={}".format(Phoneno))
24     myresult = mycursor.fetchall()
25     #Choose the language
26     for x in myresult:
27         print ("Entered Phone no is:{}".format(x))
28         print("\nSelect Language 1.English 2.Tamil")
29         Lan=int(input("Enter number: "))
```

BEFORE CHANGES

```
1 #Personal details
2 print("Name: Bala P")
3 print("Email: balasatha1002@gmail.com")
4 print("Phone no: 9514281390")
5 print("Batch: Python")
6 print("Batch no:74")
7
8 print("Welcome to BOI ATM")
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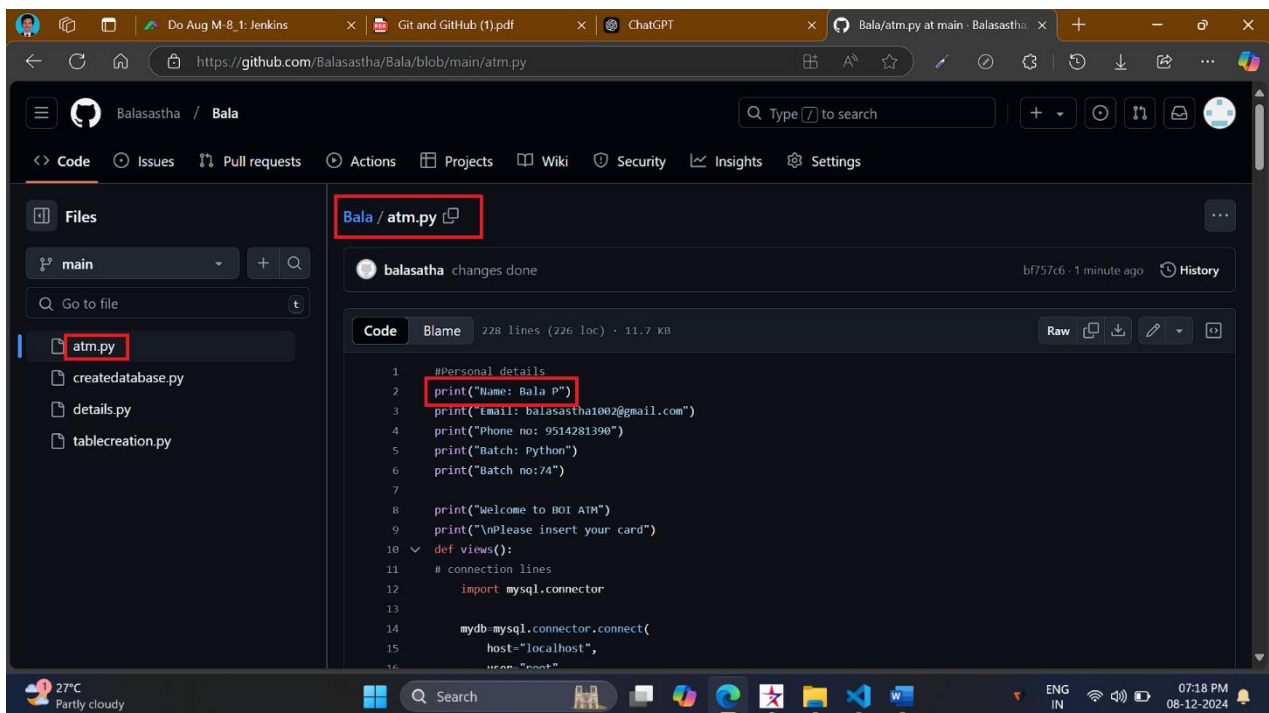
AFTER CHANGES DONE





The screenshot shows the Visual Studio Code interface with a file explorer on the left, a source control panel, and a terminal window at the bottom. The terminal displays the output of a `git push` command, indicating a successful push to the main branch of a repository on GitHub. The code editor shows a Python file named `atm.py` with a `views` function that handles ATM transactions.

```
PS C:\Users\Lenovo\Desktop\New folder\Bala> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 371 bytes | 92.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Balasastha/Bala.git
ac38655..bf757c6 main -> main
PS C:\Users\Lenovo\Desktop\New folder\Bala>
```



The screenshot shows the GitHub repository page for the `Bala` repository. The file `atm.py` is selected, and the commit history is visible. The commit message is "balasastha changes done". The code editor shows the `views` function, which is the same as the one in the first screenshot.

```
1 #Personal details
2 print("Name: Bala P")
3 print("Email: balasastha1002@gmail.com")
4 print("Phone no: 9514281390")
5 print("Batch: Python")
6 print("Batch no:74")
7
8 print("Welcome to BOI ATM")
9 print("\nPlease insert your card")
10 def views():
11     # connection lines
12     import mysql.connector
13
14     mydb=mysql.connector.connect(
15         host="localhost",
16         user="root")
```

Assignment completed  
Thank you!!!