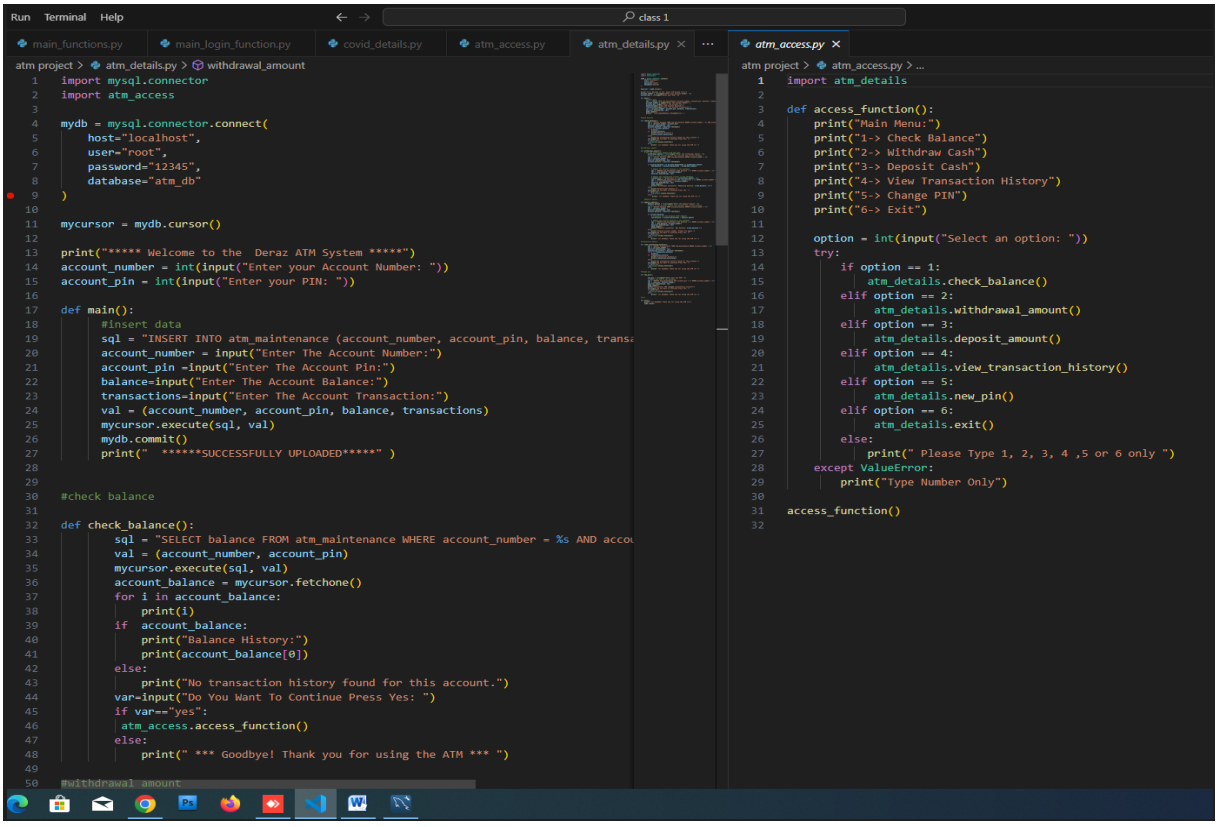
ATM MACHINE CONCEPT USING DATBASE:

OUTPUT: Overview



```
import mysql.connector
import atm_access

mydb = mysql.connector.connect(
    host="localhost",
    user="root",
    password="12345",
    database="atm_db"
)

mycursor = mydb.cursor()

print("***** Welcome to the  Deraz ATM System *****")
account_number = int(input("Enter your Account Number: "))
account_pin = int(input("Enter your PIN: "))

def main():
        #insert data
        sql = "INSERT INTO atm_maintenance (account_number, account_pin, balance, transa
        account_number = input("Enter The Account Number:")
        account_pin =input("Enter The Account Pin:")
        balance=input("Enter The Account Balance:")
        transactions=input("Enter The Account Transaction:")
        val = (account_number, account_pin, balance, transactions)
        mycursor.execute(sql, val)
        mydb.commit()
        print("  ******SUCCESSFULLY UPLOADED*****" )


#check balance

def check_balance():
        sql = "SELECT balance FROM atm_maintenance WHERE account_number = %s AND accou
        val = (account_number, account_pin)
        mycursor.execute(sql, val)
        account_balance = mycursor.fetchone()
        for i in account_balance:
            print(i)
        if  account_balance:
            print("Balance History:")
            print(account_balance[0])
        else:
            print("No transaction history found for this account.")
        var=input("Do You Want To Continue Press Yes: ")
        if var=="yes":
         atm_access.access_function()
        else:
            print(" *** Goodbye! Thank you for using the ATM *** ")

#withdrawal amount
```

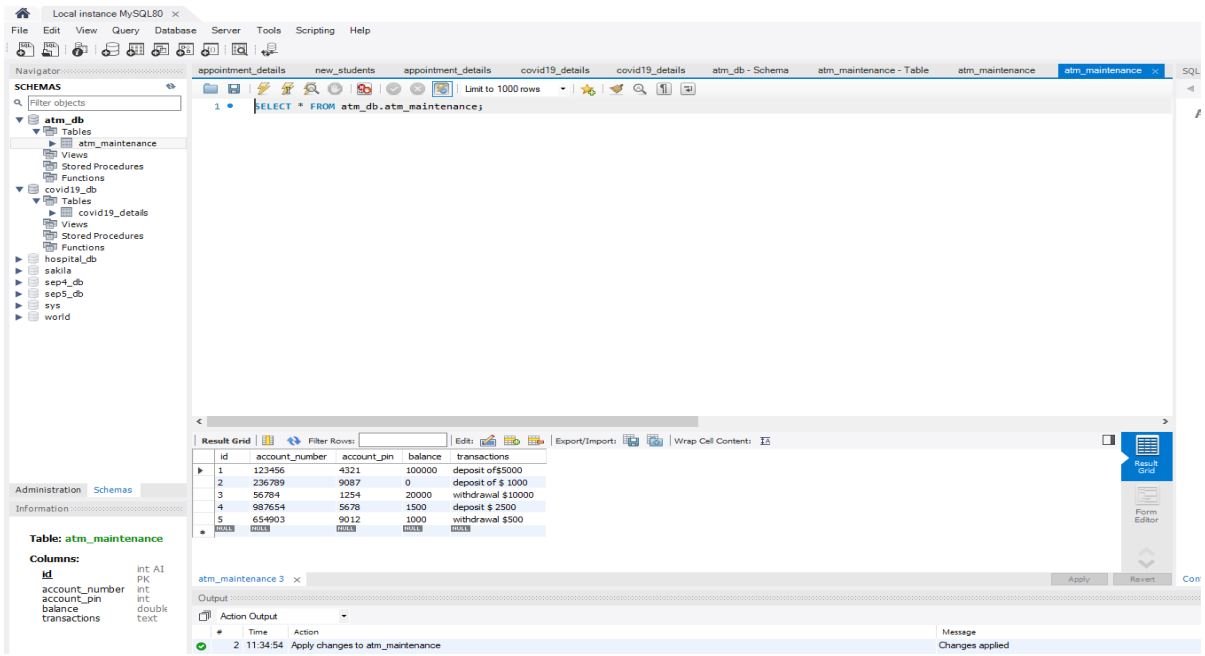
```
import atm_details

def access_function():
    print("Main Menu:")
    print("1-> Check Balance")
    print("2-> Withdraw Cash")
    print("3-> Deposit Cash")
    print("4-> View Transaction History")
    print("5-> Change PIN")
    print("6-> Exit")

    option = int(input("Select an option: "))
    try:
        if option == 1:
            atm_details.check_balance()
        elif option == 2:
            atm_details.withdrawal_amount()
        elif option == 3:
            atm_details.deposit_amount()
        elif option == 4:
            atm_details.view_transaction_history()
        elif option == 5:
            atm_details.new_pin()
        elif option == 6:
            atm_details.exit()
        else:
            print(" Please Type 1, 2, 3, 4 ,5 or 6 only ")
    except ValueError:
        print("Type Number Only")

access_function()
```

OUTPUT IN DATABASE :



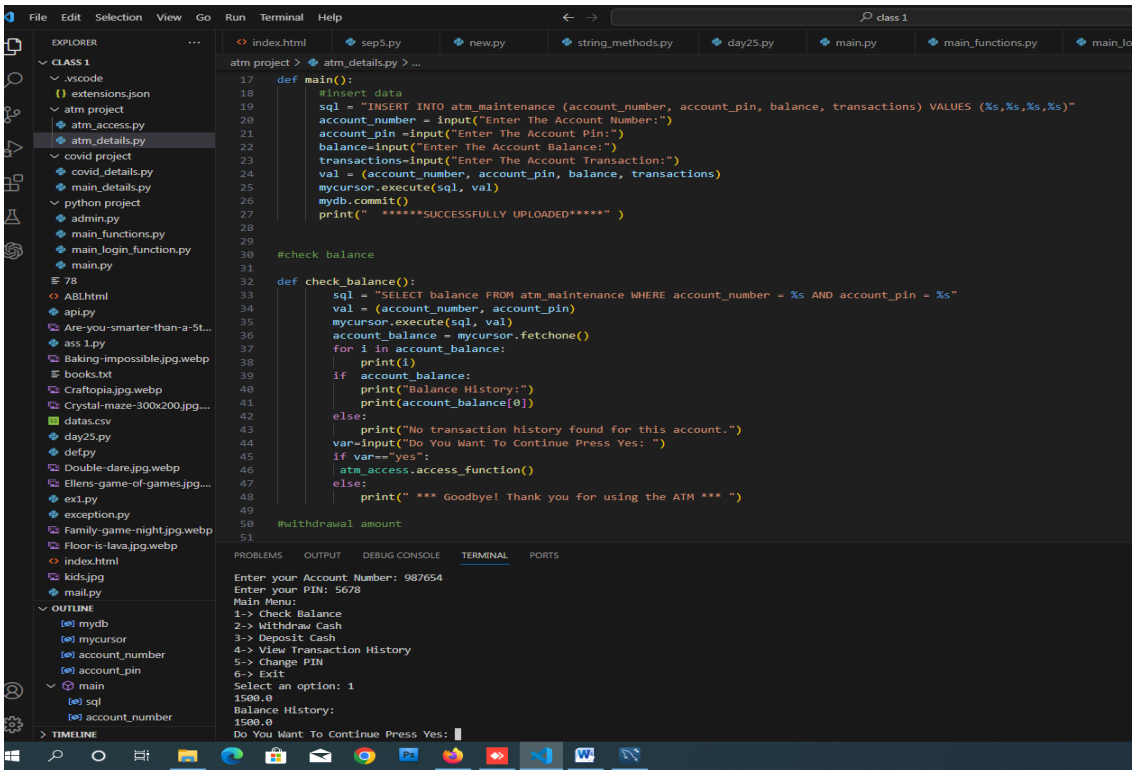
```
SELECT * FROM atm_db.atm_maintenance;
```

id	account_number	account_pin	balance	transactions
1	123456	4321	100000	deposit of$5000
2	236789	9087	0	deposit of $ 1000
3	56784	1254	20000	withdrawal $10000
4	987654	5678	1500	deposit $ 2500
5	654903	9012	1000	withdrawal $500

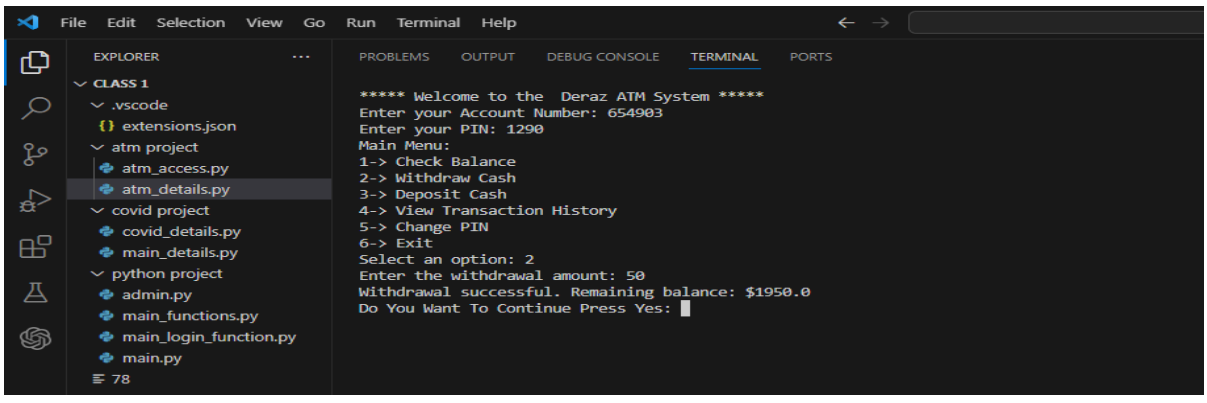
Table: atm_maintenance

Columns:
id int AI PK
account_number int
account_pin int
balance double
transactions text

Output:FOR CHECK BALANCE



OUTPUT: FOR WITHDRAWAL BALANCE



OUTPUT: FOR Deposit Cash ,View Transaction History ,Change PIN ,Exit