

main.py

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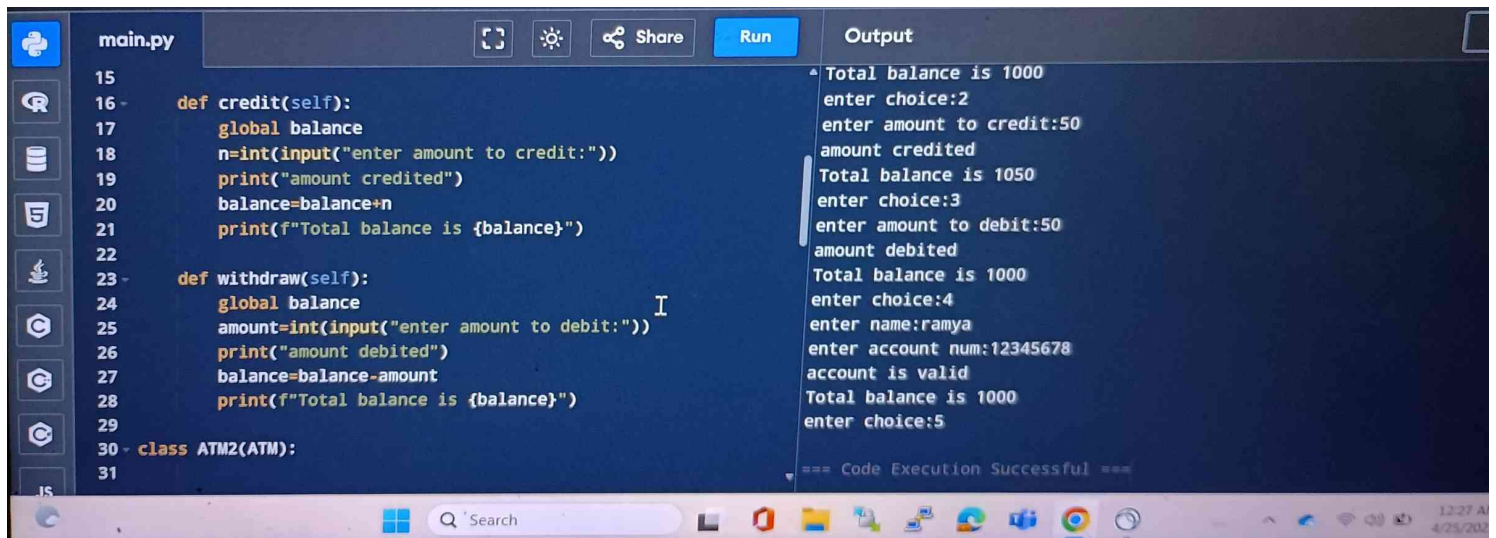
Run

```
1 # Online Python compiler (interpreter) to run Python online.
2 # Write Python 3 code in this online editor and run it.
3
4 balance=0
5 class ATM():
6     def __init__(self,bank_name,area):
7         self.bank_name=bank_name
8         self.area=area
9
10    def account_validation(self):
11        name=input("enter name:")
12        num=int(input("enter account num:"))
13        print("account is valid")
14
15
16    def credit(self):
17        global balance
```

Output

ongole
enter choice:1
enter name:ramya
enter account num:12334456
account is valid
enter choice:2
enter amount to credit:1000
amount credited
Total balance is 1000
enter choice:2
enter amount to credit:50
amount credited
Total balance is 1050
enter choice:3
enter amount to debit:50
amount debited
Total balance is 1000

1



The image shows a code editor window with a file named `main.py`. The code defines a class `ATM2(ATM)` with two methods: `credit` and `withdraw`. The `credit` method takes an amount and adds it to a global `balance`. The `withdraw` method takes an amount and subtracts it from the global `balance`. The output window shows the execution of the program, starting with a total balance of 1000. The user enters choice 2 to credit 50, resulting in a new balance of 1050. Then, the user enters choice 3 to debit 50, returning the balance to 1000. Finally, the user enters choice 4, providing a name and account number, which are validated. The program ends with choice 5.

```
15
16 def credit(self):
17     global balance
18     n=int(input("enter amount to credit:"))
19     print("amount credited")
20     balance=balance+n
21     print(f"Total balance is {balance}")
22
23 def withdraw(self):
24     global balance
25     amount=int(input("enter amount to debit:"))
26     print("amount debited")
27     balance=balance-amount
28     print(f"Total balance is {balance}")
29
30 class ATM2(ATM):
31
```

Output

```
Total balance is 1000
enter choice:2
enter amount to credit:50
amount credited
Total balance is 1050
enter choice:3
enter amount to debit:50
amount debited
Total balance is 1000
enter choice:4
enter name:ramya
enter account num:12345678
account is valid
Total balance is 1000
enter choice:5

=== Code Execution Successful ===
```

The image shows a code editor window with a file named `main.py`. The code defines a class `ATM2` with a `balance_enquiry` method and a `while` loop for user interaction. The output pane shows the program's execution, including prompts for choices, amounts, and account validation, ending with a success message.

```
main.py
29
30 class ATM2(ATM):
31
32     def balance_enquiry(self):
33         self.account_validation()
34         print(f"Total balance is {balance}")
35
36
37 object = ATM2("icici","ongole")
38
39 print(object.area)
40
41 while True:
42     choice=int(input("enter choice:"))
43
44     if choice==1:
45         object.account_validation()
```

Output

```
Total balance is 1000
enter choice:2
enter amount to credit:50
amount credited
Total balance is 1050
enter choice:3
enter amount to debit:50
amount debited
Total balance is 1000
enter choice:4
enter name:ramya
enter account num:12345678
account is valid
Total balance is 1000
enter choice:5

=== Code Execution Successful ===
```

12:27 AM
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The image shows a code editor window with a file named `main.py`. The code is a Python script for a banking system. It features a loop that prompts the user for a choice (1-5) and performs corresponding actions: account validation, credit, withdrawal, balance enquiry, or a break. The output window shows the execution of the program, displaying the total balance, prompts for choices, and the results of each action. The code execution is successful.

```
43
44 if choice==1:
45     object.account_validation()
46
47 elif choice==2:
48     object.credit()
49
50 elif choice==3:
51     object.withdraw()
52
53 elif choice==4:
54     object.balance_enquiry()
55
56 elif choice==5:
57     break
58 else:
59     print("enter valid input")
```

Output:

```
Total balance is 1000
enter choice:2
enter amount to credit:50
amount credited
Total balance is 1050
enter choice:3
enter amount to debit:50
amount debited
Total balance is 1000
enter choice:4
enter name:ramya
enter account num:12345678
account is valid
Total balance is 1000
enter choice:5
=== Code Execution Successful ===
```