



Challenge 2.1 :



Exit

```
1 class BankAccount:
2     def __init__(self, account_number,
3         account_holder_name, initial_balance):
4         self.__account_number =
5         account_number
6         self.__account_holder_name =
7         account_holder_name
8         self.__account_balance =
9         initial_balance
10
11     def deposit(self, amount):
12         if amount > 0:
13             self.__account_balance +=
14             amount
15             print(f"Deposited
16             ${amount}. New balance:
17             ${self.__account_balance}")
18         else:
19             print("Invalid deposit
20             amount. Please enter a positive
21             value.")
22
23     def withdraw(self, amount):
24         if amount > 0 and amount <=
25         self.__account_balance:
26             self.__account_balance -=
27             amount
28             print(f"Withdrew
29             ${amount}. New balance:
30             ${self.__account_balance}")
```

Ln 30, Col 53 History



main.py



Run





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```
    ${amount}. New balance:
    ${self.__account_balance}")
18  else:
19      print("Invalid withdrawal
amount or insufficient balance.")
20
21  def display_balance(self):
22      print(f"Account Holder:
{self.__account_holder_name}")
23      print(f"Account Number:
{self.__account_number}")
24      print(f"Account Balance:
${self.__account_balance}")
25
26
27  # Testing the BankAccount class
28  if __name__ == "__main__":
29      # Create an instance of BankAccount
30      my_account =
BankAccount("123456789", "sandhiya",
100000.0)
31
32      # Display initial balance
33      my_account.display_balance()
34
35      # Deposit money
36      my_account.deposit(500.0)
37
38      # Withdraw money
```

Ln 30, Col 53 History



main.py



Run





Challenge 2.1 :



Exit

```
Account Holder: sandhiya
Account Number: 123456789
Account Balance: $100000.0
Deposited $500.0. New balance: $100500.0
Withdrew $200.0. New balance: $100300.0
Account Holder: sandhiya
Account Number: 123456789
Account Balance: $100300.0
>
```



>_ Console



Run

