



Challenge 2.1 :

Exit

```
1 v class BankAccount:
2 v     def __init__(self,
   account_number,
   account_holder_name,
   initial_balance):
3         self.__account_number =
   account_number
4         self.__account_holder_name
   = account_holder_name
5         self.__account_balance =
   initial_balance
6
7 v     def deposit(self, amount):
8 v         if amount > 0:
9             self.__account_balance
   += amount
10             print(f"Deposited
   ${amount}. New balance:
   ${self.__account_balance}")
11 v         else:
12             print("Invalid deposit")
```

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```
11 v         else:
12             print("Invalid deposit
amount. Please enter a positive
value.")
13
14 v         def withdraw(self, amount):
15 v             if amount > 0 and amount <=
self.__account_balance:
16                 self.__account_balance -
= amount
17                 print(f"Withdrew
${amount}. New balance:
${self.__account_balance}")
18 v             else:
19                 print("Invalid
withdrawal amount or insufficient
balance.")
20
21 v         def display_balance(self):
22             print(f"Account Holder:
{self.__account_holder_name}")
23             print(f"Account Number:
```

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```
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", "Monisha",
    100000.0)
31
32     # Display initial balance
33     my_account.display_balance()
34
35     # Deposit money
36     my_account.deposit(500.0)
```

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```
29     # Create an instance of
    BankAccount
30     my_account =
    BankAccount("123456789", "Monisha",
    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
39     my_account.withdraw(200.0)
40
41     # Display updated balance
42     my_account.display_balance()
```

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



>_ Console



Run

