



Challenge 2.1



```
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 value.")
21
22     def withdraw(self, amount):
23         if 0 < amount <=
24             self.__account_balance:
25             self.__account_balance -=
26             amount
27             print(f"Withdrew ${amount}.
28             New balance: ${self.__account_balance}")
29         else:
```



main.py



Add Replit to Home screen





Challenge 2.2



```
> /nix/store/zqk3m21442kvpjwd3rh41wdavqkzkyi  
k-python3-wrapper/bin/python3 $file  
The batsman is batting  
The bowler is bowling  
>
```



> Console



Run





Challenge 2.1



```
15     if 0 < amount <=
self.__account_balance:
16         self.__account_balance -=
amount
17         print(f"Withdrew ${amount}.
New balance: ${self.__account_balance}")
18     else:
19         print("Insufficient funds
or invalid withdrawal amount.")
20
21     def display_balance(self):
22         print(f"Account balance for
{self.__account_holder_name}:
${self.__account_balance}")
23
24
25 # Example usage:
26 if __name__ == "__main__":
27     # Create an instance of BankAccount
28     my_account =
BankAccount("123456789", "John Doe",
1000.0)
29
30     # Deposit and withdraw money
31     my_account.deposit(500)
32     my_account.withdraw(200)
33     my_account.display_balance()
```

Ln 1, Col 1 History



main.py



Run



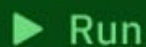
 Challenge 2.1  

```
> /nix/store/zqk3m21442kvpjwd3rh41wdavqkzkyi  
k-python3-wrapper/bin/python3 $file  
Deposited $500. New balance: $1500.0  
Withdrew $200. New balance: $1300.0  
Account balance for John Doe: $1300.0  
>
```

⋮

> Console

⋮

 Run