



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

Ln 1, Col 1 History



main.py



Run





Challenges 2.1 :



Exit

```
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", "kaviya",
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()
```

Ln 1, Col 1 History



main.py



Run





Challenge 2.1 :

Exit

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



>_ Console



Run





```
1  class Player:
2      def play(self):
3          print("The player is playing
         cricket")
4
5  class Batsman(Player):
6      def play(self):
7          print("The batsman is batting")
8
9  class Bowler(Player):
10     def play(self):
11         print("The bowler is bowling")
12
13     # Creating objects of Batsman and Bowler
         classes
14     batsman = Batsman()
15     bowler = Bowler()
16
17     # Calling the play() method for each
         object
18     batsman.play()
19
```

Ln 19, Col 1 History ↺



main.py



Run





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



>_ Console



Run

