

```
1 v class BankAccount:
        def __init__(self, account_number,
 2 _
    account_holder_name, initial_balance=0.0):
               self.__account_number =
 3
    account_number
 4
               self.__account_holder_name =
    account_holder_name
 5
               self.__account_balance =
    initial_balance
 6 ,
        def deposit(self,amount):
7 _
             if amount>0:
               self.__account_balance+=amount
 8
               print("deposited ₹{}. New
    balance:₹
    {}".format(amount, self.__account_balance))
             else:
10 \
11
                print("Invalid deposits
    amount.")
12 _
        def withdraw(self,amount):
13 ~
             if amount>0 and amount<=
    self. _account_balance:
               self.__account_balance -= amount
14
15
               print("withdraw ₹{}. New
    balance: ₹{}"
    .format(amount, self.__account_balance))
16 ~
             else:
                                  Ln 1, Col 1 History 🕥
```

main.py

```
≡ Challenge 2.1 ∨ ⊗
```



```
print("Invalid withdrawl
17
    amountn or insufficient balance.")
        def display_balance(self):
18 ~
             print("Account balance for{}
19
    (Account #{}): ₹{}".format(
20
    self.__account_holder_name,
    self.__account_number,
                    self.__account_balance))
21
22
    account=BankAccount(account_number="123456
    7810",
23
    account_holder_name="Dharani priya",
24
    initial_balance=5000.0)
    account.display_balance( )
25
26
    account.deposit(500.0)
27
    account.withdraw(200.0)
    account.display_balance( )
28
```

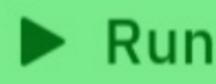
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main.py







Challenge 2.2



```
1 v class Player:
2 \ def play(self):
3
            print("The player is playing
    cricket.")
4 v class Batsman(Player):
5 🗸
       def play(self):
6
            print("The batsmanis batting.")
7 v class Bowler(Player):
8 \ def play(self):
9
            print("The bowler is bowling.")
10
    batsman = Batsman()
    bowler=Bowler()
    batsman.play()
12
13
    bowler.play()
```

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main.py





