



## challenges unit2.1 :



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
   amount. Please enter a positive
   value.")
13
```

Ln 1, Col 5 History



main.py





challenges unit2.1 :



Exit

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





## challenges unit 2.2 :

Exit

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

Ln 1, Col 4 History



main.py





challenges unit 2.2 :



Exit

```
The batsman is batting
The bowler is bowling
```

