



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

Ln 21, Col 14 History ↻



main.py



Run





Unit 2 challenge



```
> /nix/store/zqk3m21442kvpjwd3rh41wdavqkzk  
yik-python3-wrapper/bin/python3 $file  
The batsman is batting.  
The bowler is bowling.  
>
```



>_ Console



Run



```

1 class Bank_Account:
2     def __init__(self):
3         self.balance=0
4         print("Hello!!! Welcome to the
Deposit & Withdrawal Machine")
5
6     def deposit(self):
7         amount=float(input("Enter
amount to be Deposited: "))
8         self.balance += amount
9         print("\n Amount
Deposited:",amount)
10
11    def withdraw(self):
12        amount = float(input("Enter
amount to be Withdrawn: "))
13        if self.balance>=amount:
14            self.balance-=amount
15            print("\n You Withdrew:",
amount)
16        else:
17            print("\n Insufficient
balance ")
18
19    def display(self):
20        print("\n Net Available

```

Ln 28, Col 12 History

main.py

Run

Hello!!! Welcome to the Deposit & Withdr Machine



Enter amount to be Deposited: 1000.0

Amount Deposited: 1000.0

Enter amount to be Withdrawn: 500.0

You Withdrew: 500.0

Net Available Balance= 500.0



>_ Console



▶ Run

