Challenge 2.1

```python
class BankAccount:
    def __init__(self, account_number, account_holder_name, initial_balance=0.0):
        self.__account_number = account_number
        self.__account_holder_name = account_holder_name
        self.__account_balance = initial_balance
    def deposit(self,amount):
        if amount>0:
            self.__account_balance+=amount
            print("deposited ₹{}. New balance:₹{}".format(amount,self.__account_balance))
        else:
            print("Invalid deposits amount.")
    def withdraw(self,amount):
        if amount>0 and amount<=self.__account_balance:
            self.__account_balance -= amount
            print("withdraw ₹{}. New balance: ₹{}".format(amount,self.__account_balance))
        else:
```

Ln 1, Col 1 History

main.py

Run

```
            else:
17              print("Invalid withdrawl amountn or insufficient balance.")
18      def display_balance(self):
19          print("Account balance for{}(Account #{}): ₹{}".format(
20
                self.__account_holder_name,
                self.__account_number,
21                  self.__account_balance))
22  account=BankAccount(account_number="1234567810",
23
                account_holder_name="Dharani priya",
24
                initial_balance=5000.0)
25  account.display_balance( )
26  account.deposit(500.0)
27  account.withdraw(200.0)
28  account.display_balance( )
```

Challenge 2.2

Exit

```python
class Player:
    def play(self):
        print("The player is playing cricket.")
class Batsman(Player):
    def play(self):
        print("The batsmanis batting.")
class Bowler(Player):
    def play(self):
        print("The bowler is bowling.")
batsman = Batsman()
bowler=Bowler()
batsman.play()
bowler.play()
```

Ln 1, Col 1 History

main.py

Run