

```
#Banking System
#Parent Class
class User():
    def __init__(self,name,age,gender):
        self.name = name
        self.age = age
        self.gender = gender

    def show_details(self):
        print("Personal Details")
        print("-----")
        print("Name:-", self.name)
        print("Age:-", self.age)
        print("Gender:- ", self.gender)

#Child Class
class Bank(User):
    def __init__(self,name,age,gender):
        super().__init__(name,age,gender)
        self.balance = 0

    def deposit(self,amount):
        self.amount = amount
        self.balance = self.balance + self.amount
        print("Account balance has been updated : $", self.balance)

    def withdraw(self,amount):
        self.amount = amount
        if self.amount > self.balance:
            print("Insufficient Funds | Balance Available : $", self.balance)
        else:
            self.balance = self.balance - self.amount
            print("Account balance has been updated : $", self.balance)

    def view_balance(self):
        self.show_details()
        print("Account balance:- $", self.balance)
```

Output: -

```
>>> Rahil = Bank('Rahil Vahora',20,'Male')
>>> Rahil.deposit(1000)
Account balance has been updated : $ 1000
>>> Rahil.withdraw(500)
Account balance has been updated : $ 500
```

```
>>> Rahil.withdraw(700)
Insufficient Funds | Balance Available : $ 500
>>> Rahil.deposit(200)
Account balance has been updated : $ 700
>>> Rahil.view_balance()
Personal Details
-----
Name:- Rahil Vahora
Age:- 20
Gender:- Male
Account balance:- $ 700
```