class Product:

def \_\_init\_\_(self, name, price, deal\_price, ratings):

self.name = name

self.price = price

self.deal\_price = deal\_price

self.ratings = ratings

self.you\_save = price - deal\_price

def display\_product\_details(self):

print("Product: {}".format(self.name))

print("Price: {}".format(self.price))

print("Deal Price: {}".format(self.deal\_price))

print("You Saved: {}".format(self.you\_save))

print("Ratings: {}".format(self.ratings))

def get\_deal\_price(self):

return self.deal\_price

class ElectronicItem(Product):

def set\_warranty(self, warranty\_in\_months):

self.warranty\_in\_months = warranty\_in\_months

def get\_warranty(self):

return self.warranty\_in\_months

class GroceryItem(Product):

pass

class Order:

def \_\_init\_\_(self, delivery\_speed, delivery\_address):

self.items\_in\_cart = []

self.delivery\_speed = delivery\_speed

self.delivery\_address = delivery\_address

def add\_item(self, product, quantity):

self.items\_in\_cart.append((product, quantity))

def display\_order\_details(self):

for product, quantity in self.items\_in\_cart:

product.display\_product\_details()

print("Quantity: {}".format(quantity))

def display\_total\_bill(self):

total\_bill = 0

for product, quantity in self.items\_in\_cart:

price = product.get\_deal\_price() \* quantity

total\_bill += price

print("Total Bill: {}".format(total\_bill))

milk = GroceryItem("Milk",40, 25, 3.5)

tv = ElectronicItem("TV",45000, 40000, 3.5)

order = Order("Prime Delivery", "Hyderabad")

order.add\_item(milk, 2)

order.add\_item(tv, 1)

order.display\_order\_details()

order.display\_total\_bill()