

```

print("*****Welcome to the Demo Marketplace*****")
def display_cart():
    print("Session Id\tProduct Id\tName\t\tQuantity")
    for item in cart:
        print(f"{item['session_id']}\t\t\t{item['product_id']}\t\t\t{item['name']}\t\t\t{item['quantity']}")
catalogue = [
    {"id": 1, "name": "Boots", "category": 1, "price": 1000},
    {"id": 2, "name": "Coats", "category": 2, "price": 2000},
    {"id": 3, "name": "Jackets", "category": 3, "price": 3000},
    {"id": 4, "name": "Caps", "category": 4, "price": 200}
]
def display_catalogue():
    print("Product Id\tName\t\tCategory\tPrice")
    for product in catalogue:
        print(f"{product['id']}\t\t\t{product['name']}\t\t\t{product['category']}\t\t\t{product['price']}")

def add_to_cart(session_id, product_id, quantity):
    product = [p for p in catalogue if p['id'] == product_id][0]
    cart.append({"session_id": session_id, "product_id": product_id, "name": product['name'], "quantity": quantity})
    print(f"{quantity} pieces of {product['name']} added to the cart.")

def delete_from_cart(session_id, product_id):
    for i, item in enumerate(cart):
        if item['session_id'] == session_id and item['product_id'] == product_id:
            del cart[i]
            print(f"{item['name']} removed from the cart.")
            break

user_db = {"khush1": "pass1", "khush2": "pass2"}
admin_db = {"riya1": "pass1", "riya2": "pass2"}

def user_login():
    user = input("Enter your username: ")
    password = input("Enter your password: ")
    if user in user_db and user_db[user] == password:
        print("Login successful as user.")
        # Generate session id for user
        session_id = generate_session_id()
        print("Your session id is: ", session_id)
    else:
        print("Login failed. Please try again.")

def admin_login():
    admin = input("Please enter your username: ")
    password = input("Please enter your password: ")

```

```

    if admin in admin_db and admin_db[admin] == password:
        print("Login successful as admin.")
        # Generate session id for admin
        session_id = generate_session_id()
        print("Your session id is: ", session_id)
    else:
        print("Login failed. Please try again.")
def generate_session_id():
    return "12345"
login_as = input("Please enter 'u' for user login or 'a' for admin
login: ")
if login_as == 'u':
    user_login()
elif login_as == 'a':
    admin_login()
else:
    print("Invalid option.")

def checkout():
    payment_method = input("Please select the payment method
(net_banking/PayPal/UPI): ")
    if payment_method == "net_banking":
        print("Your order is successfully placed, and the payment has been
made using Net Banking.")
        print("Thank you for shopping with us! Have a great day")
    elif payment_method == "PayPal":
        print("Your order is successfully placed, and the payment has been
made using PayPal.")
        print("Thank you for shopping with us! Have a great day")
    elif payment_method == "UPI":
        print("Your order is successfully placed, and the payment has been
made using UPI.")
        print("Thank you for shopping with us! Have a great day")
    else:
        print("Invalid payment method selected. Please choose a valid
payment option.")

cart = []
session_id = input("Enter your session id: ")
while True:
    print("\n1. View your shopping Cart")
    print("2. Add items to your Cart")
    print("3. Delete items from your Cart")
    print("4. Choose the payment option")
    print("5. Logout from shopping app")
    choice = int(input("Enter your choice: "))
    if choice == 1:
        display_cart()
    elif choice == 2:

```

```
        product_id = int(input("Enter the product id: "))
        quantity = int(input("Enter the quantity: "))
        add_to_cart(session_id, product_id, quantity)
    elif choice == 3:
        product_id = int(input("Enter the product id: "))
        delete_from_cart(session_id, product_id)
    elif choice == 4:
        checkout()
    elif choice == 5:
        break
    else:
        print("Invalid choice.")
```

*****Welcome to the Demo Marketplace*****

Please enter 'u' for user login or 'a' for admin login: u

Enter your username: khush1

Enter your password: pass1

Login successful as user.

Your session id is: 12345

Enter your session id: 12345

1. View your shopping Cart
2. Add items to your Cart
3. Delete items from your Cart
4. Choose the payment option
5. Logout from shopping app

Enter your choice: 5