Assginment Day 4

- 1. Implement the code of Online Shopping along with Factory Design Pattern as shown in class
- 2. Create 2 tables in the Database as
 - a. Cards containing cardNo, balance and expiry
 - b. Transactions containing username, cardNo, amount, txDate, status
- 3. Implement the Payment Gateway using the Check out functionality, when the user clicks on Checkout the user will be asked to enter the cardNo, expiry on an html document, this form will be submitted to the Payment servlet which will validate the card information and deduct the balance of the card and insert a record in the transactions table recording this transaction.