



**1.The following queries are executed in MySql:**

```
1 • create database cp;
2 • use cp;
3 • create table products(pno int primary key,pname varchar(20),stock int,price float,mrp int,dp float);
4 • create table customer(cno int primary key,cname varchar(20),pin int);
5 • create table orders(ono int primary key,cno int,pno int,pname varchar(20),qty int,price float,mrp float,tot float);
6 • insert into products values(1,'pencil',100,4,5,20),(2,'pen',50,6,10,40),(3,'toy bat',25,150,300,50);
7 • insert into customer values(1001,'one',12341),(1002,'two',12342);
8 • insert into orders values(1,1001,1,'pencil',10,4,5,40),(2,1002,1,'pencil',10,4,5,40),(3,1001,3,'toy bat',2,150,300,300),
9 • (4,1001,2,'pen',10,6,10,60);
10
```

## 2.The tables products, customer and orders:

9 • `select * from products;`



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**Result Grid**   Filter Rows:

	pno	pname	stock	price	mrp	dp
▶	1	pencil	100	4	5	20
	2	pen	50	6	10	40
	3	toy bat	25	150	300	50
*	NULL	NULL	NULL	NULL	NULL	NULL

10 • `select * from customer;`

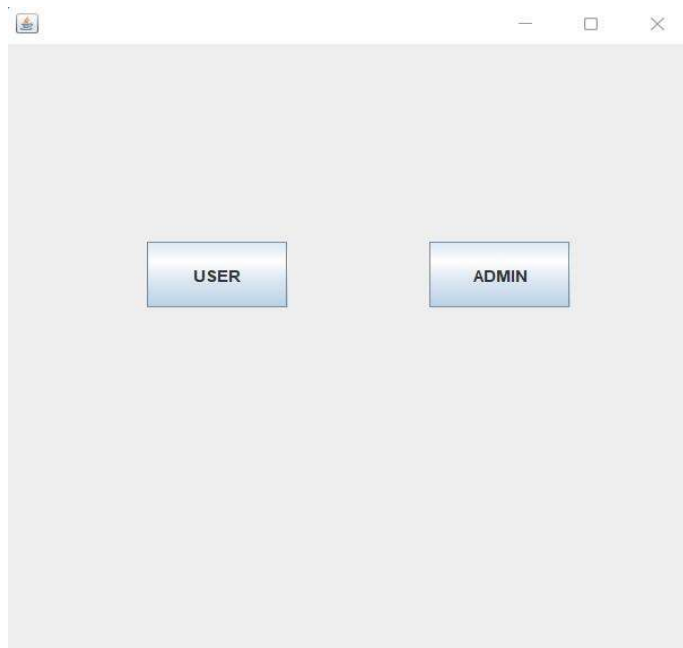
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**Result Grid**   Filter Rows:

	cno	cname	pin
▶	1001	one	12341
	1002	two	12342
•	NULL	NULL	NULL

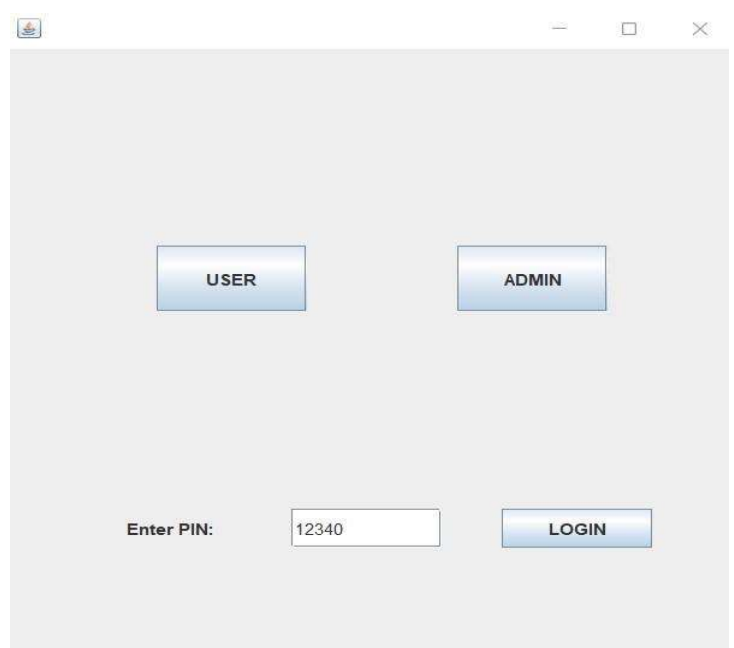
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3. The home page of the user interface:



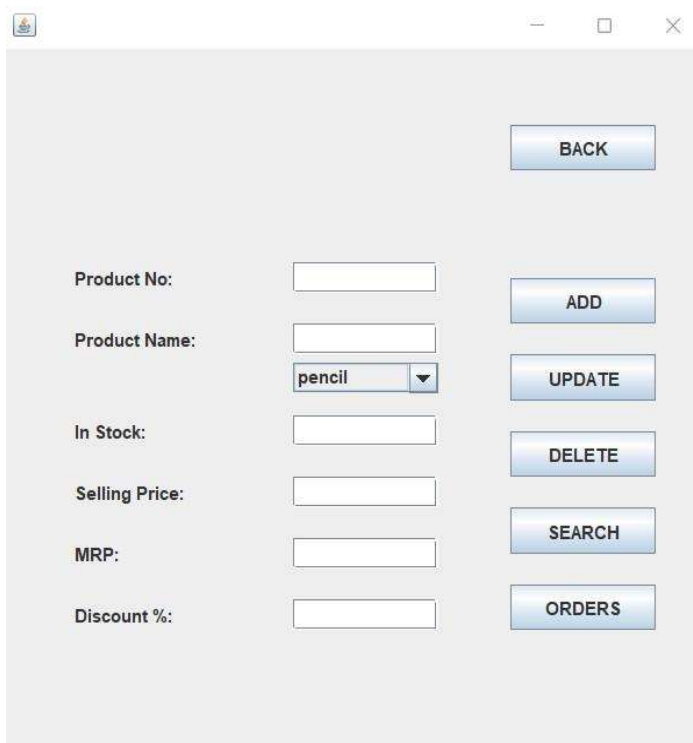
A screenshot of a web application window. The window has a title bar with a small icon on the left and standard minimize, maximize, and close buttons on the right. The main content area is light gray and contains two blue rectangular buttons with white text. The button on the left is labeled 'USER' and the button on the right is labeled 'ADMIN'.

4. When admin is selected the admin pin is entered:



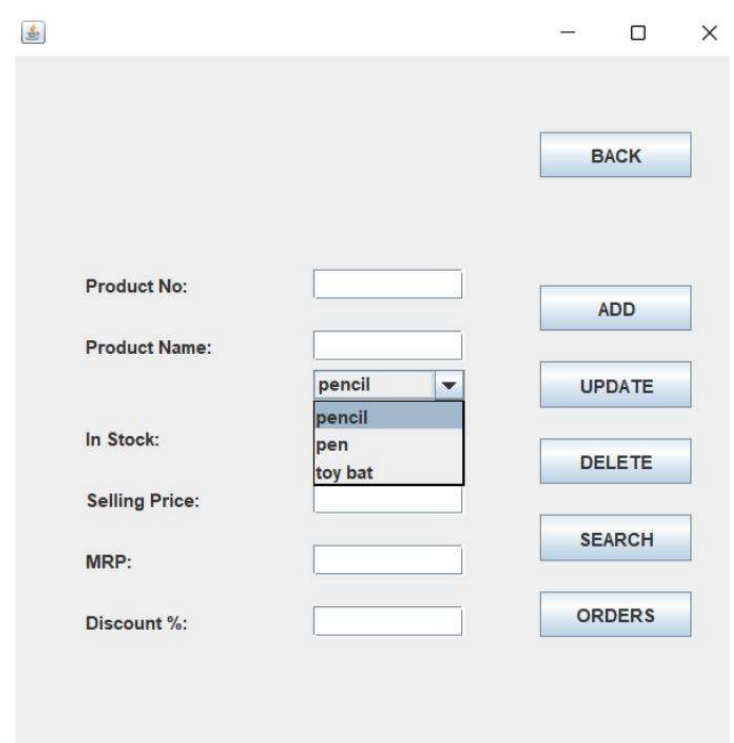
A screenshot of the same web application window after the 'ADMIN' button was clicked. The 'ADMIN' button is now highlighted with a darker blue background. Below the buttons, there is a section for entering a PIN. It includes the text 'Enter PIN:', a text input field containing the number '12340', and a blue 'LOGIN' button.

3. The admin page of the user interface:



A screenshot of the admin page. At the top right is a blue 'BACK' button. Below it, on the left, are labels for various product attributes: 'Product No:', 'Product Name:', 'In Stock:', 'Selling Price:', 'MRP:', and 'Discount %:'. Each label is followed by a text input field. To the right of these fields are several blue buttons: 'ADD', 'UPDATE', 'DELETE', 'SEARCH', and 'ORDERS'. The 'Product Name' input field contains the text 'pencil' and has a small downward arrow on its right side.

4. When drop down list is selected the products already added can be selected:



A screenshot of the admin page with the 'Product Name' dropdown menu open. The dropdown menu is a light gray box with a black border, containing three items: 'pencil', 'pen', and 'toy bat'. The 'pencil' item is highlighted with a darker background. The rest of the page, including the 'BACK' button and other input fields and buttons, remains the same as in the previous screenshot.

5. The product pen is selected:

Product No:

2

Product Name:

pen

pen

In Stock:

50

Selling Price:

6.0

MRP:

10.0

Discount %:

40.0

BACK

ADD

UPDATE

DELETE

SEARCH

ORDERS

6. The details of the product can be updated by pressing  
The update button:

Product No:

2

Product Name:

pen

pen

In Stock:

60

Selling Price:

8

MRP:

10.0

Discount %:

20

BACK

ADD

UPDATE

DELETE

SEARCH

ORDERS

7. A new product ball is added using the add button:

Product No:

4

Product Name:

ball

pen

In Stock:

30

Selling Price:

45

MRP:

45

Discount %:

0

BACK

ADD

UPDATE

DELETE

SEARCH

ORDERS

8. The list after adding the product ball:

Product No:

Product Name:

pen

pencil

pen

toy bat

ball

In Stock:

Selling Price:

MRP:

Discount %:

BACK

ADD

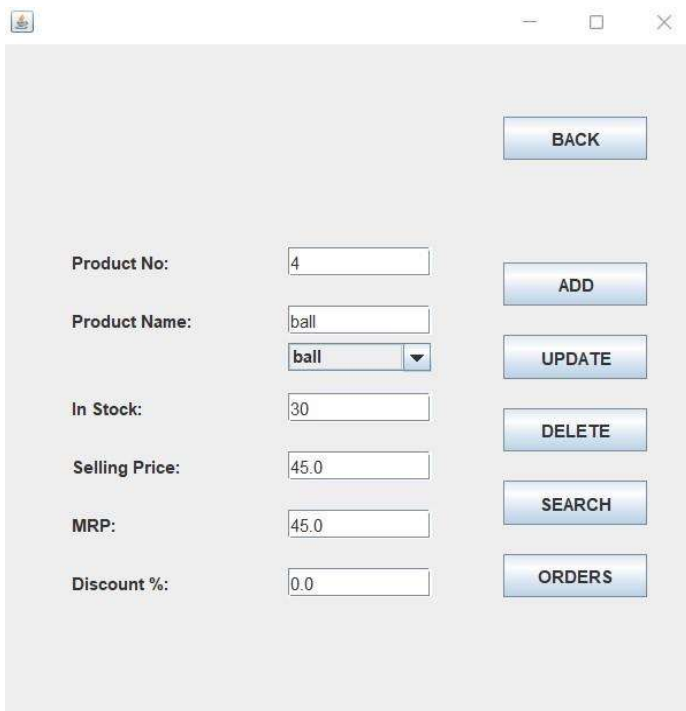
UPDATE

DELETE

SEARCH

ORDERS

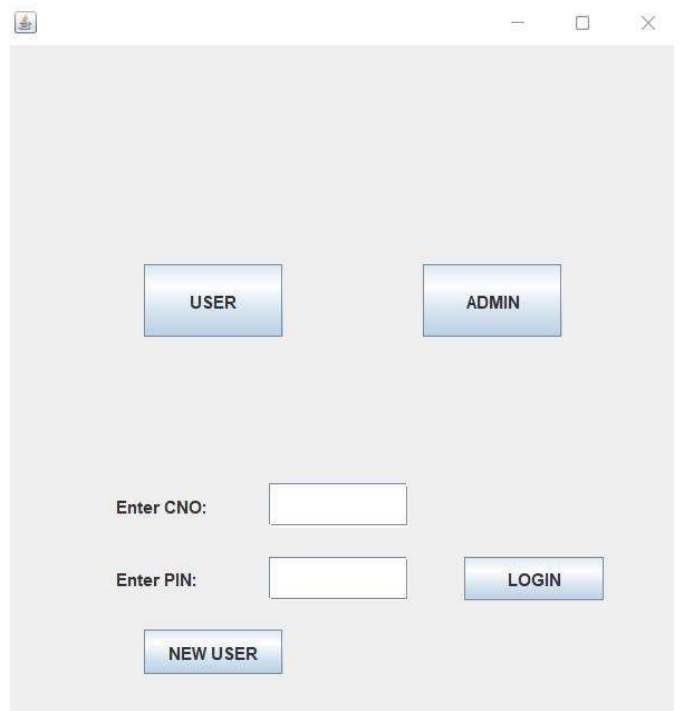
9. The product ball is then deleted using the delete button:



A screenshot of a web application window titled "Product Management". It contains a form with the following fields and buttons:

- Product No:** 4
- Product Name:** ball
- In Stock:** 30
- Selling Price:** 45.0
- MRP:** 45.0
- Discount %:** 0.0
- Buttons:** BACK, ADD, UPDATE, DELETE, SEARCH, ORDERS

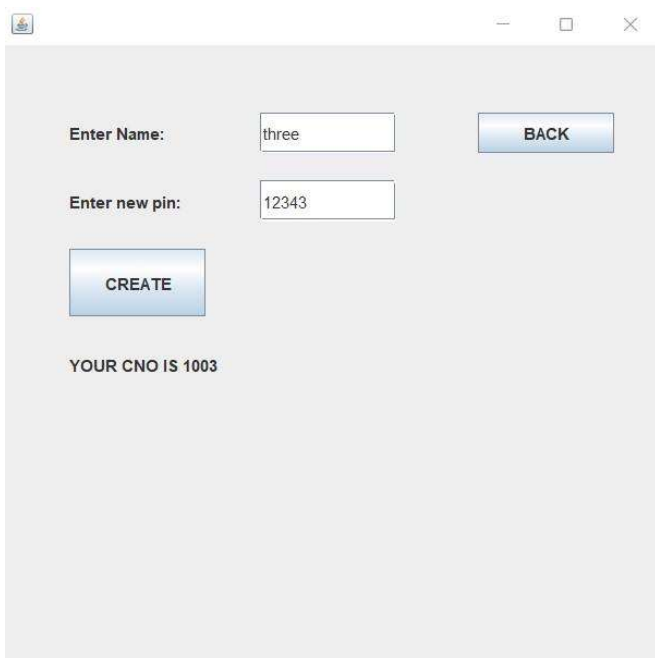
10. The back button is used to return to the home page:



A screenshot of a web application window titled "User Management". It contains the following elements:

- Buttons:** USER, ADMIN
- Form Fields:** Enter CNO: (text box), Enter PIN: (text box)
- Buttons:** LOGIN, NEW USER

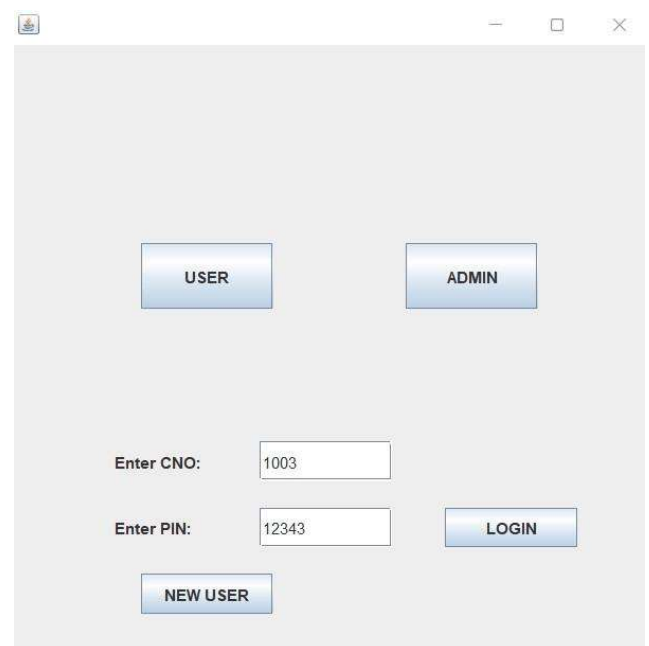
11. After entering new user a new customer detail  
Is added and a new CNO is generated:



A screenshot of a web application window titled "New User Creation". It contains the following elements:

- Form Fields:** Enter Name: three, Enter new pin: 12343
- Buttons:** BACK, CREATE
- Text:** YOUR CNO IS 1003

12. Login using the new customer credentials:



A screenshot of a web application window titled "Login". It contains the following elements:

- Buttons:** USER, ADMIN
- Form Fields:** Enter CNO: 1003, Enter PIN: 12343
- Buttons:** LOGIN, NEW USER

### 13. The user interface home page:

Select Item: pencil

Select Qty: 0

Unit Price:

MRP:

Discount%:

In Stock:

Total Price:

ORDER BACK VIEW ORDERS SET

### 14. A new order is placed using order button:

Select Item: pen

Select Qty: 10

Unit Price: 8.0

MRP: 10.0

Discount%: 20.0

In Stock: 60

Total Price: 80.0

ORDER BACK VIEW ORDERS SET

### 15. The fields become blank if order is successful the remaining quantities of orders are automatically updated

Select Item:

Select Qty:

Unit Price:

MRP:

Discount%:

In Stock:

Total Price:

ORDER BACK VIEW ORDERS SET

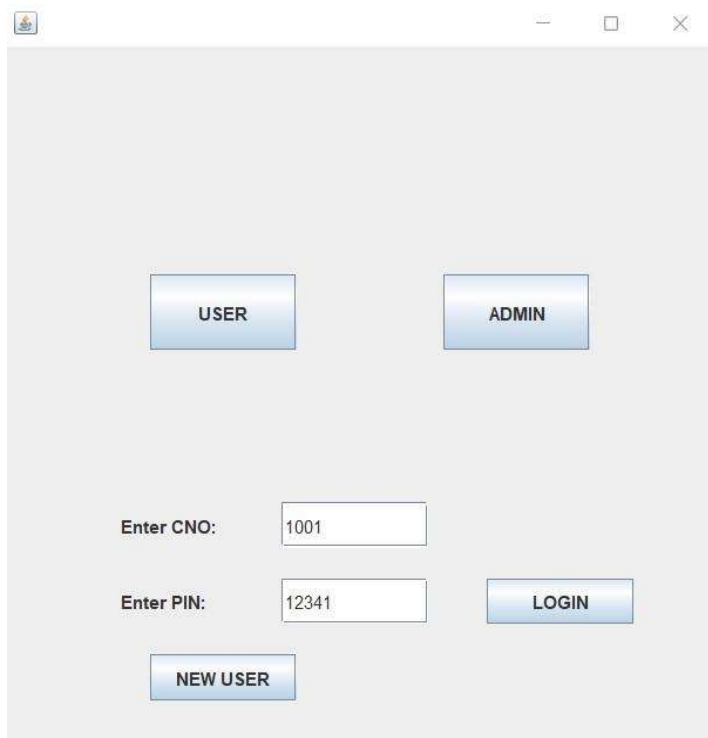
### 16. The view orders button is used to view the orders placed by the user:

TOTAL SALE: RS.80.0

ORDER NO	CNO	PNO	PNAME	QTY	PRICE	MRP	TOT
1	1003	2	pen	10	8.0	10.0	80.0

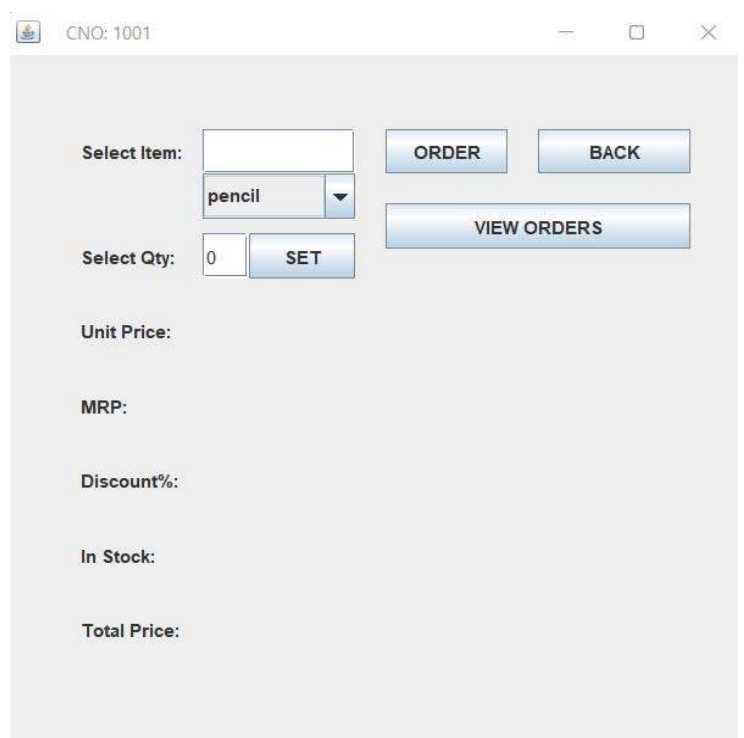
BACK

17. Login using existing customer login:



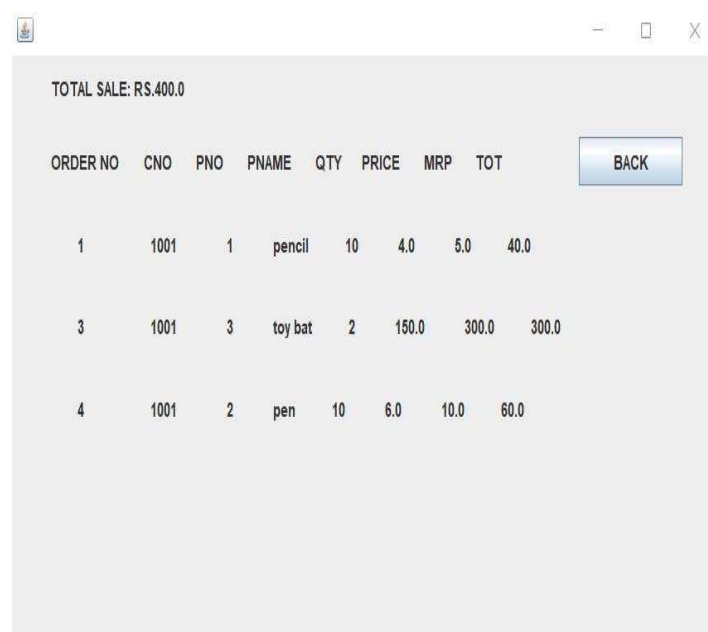
A login window with a light gray background. At the top, there are three window control buttons (minimize, maximize, close). Below them, there are two buttons: "USER" and "ADMIN". Further down, there are two input fields: "Enter CNO:" with the value "1001" and "Enter PIN:" with the value "12341". To the right of the PIN field is a "LOGIN" button. At the bottom left, there is a "NEW USER" button.

18. The order window of existing customer, the title of the window is set to the CNO of the customer:



An order window titled "CNO: 1001". It has a light gray background and window control buttons at the top. The window contains several labels and input fields: "Select Item:" with a dropdown menu showing "pencil", "Select Qty:" with a text box showing "0" and a "SET" button, "Unit Price:", "MRP:", "Discount%:", "In Stock:", and "Total Price:". On the right side, there are three buttons: "ORDER", "BACK", and "VIEW ORDERS".

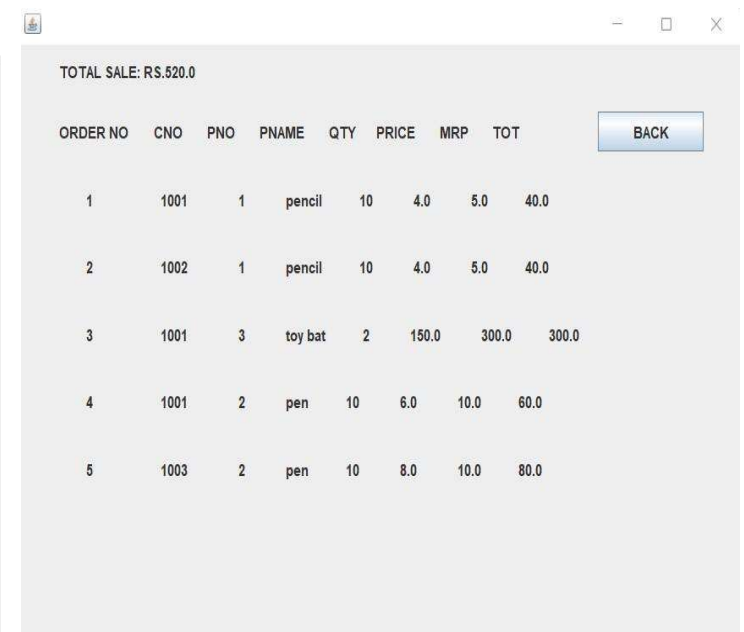
19. The order of the customer with CNO 1001:



An order details window titled "TOTAL SALE: RS.400.0". It has a light gray background and window control buttons at the top. Below the title, there is a table with 8 columns: ORDER NO, CNO, PNO, PNAME, QTY, PRICE, MRP, and TOT. A "BACK" button is located at the bottom right of the table.

ORDER NO	CNO	PNO	PNAME	QTY	PRICE	MRP	TOT
1	1001	1	pencil	10	4.0	5.0	40.0
3	1001	3	toy bat	2	150.0	300.0	300.0
4	1001	2	pen	10	6.0	10.0	60.0

20. All the orders placed can be viewed using the view Orders button:



A window titled "TOTAL SALE: RS.520.0" showing all orders. It has a light gray background and window control buttons at the top. Below the title, there is a table with 8 columns: ORDER NO, CNO, PNO, PNAME, QTY, PRICE, MRP, and TOT. A "BACK" button is located at the bottom right of the table.

ORDER NO	CNO	PNO	PNAME	QTY	PRICE	MRP	TOT
1	1001	1	pencil	10	4.0	5.0	40.0
2	1002	1	pencil	10	4.0	5.0	40.0
3	1001	3	toy bat	2	150.0	300.0	300.0
4	1001	2	pen	10	6.0	10.0	60.0
5	1003	2	pen	10	8.0	10.0	80.0

**21.The tables after the above processes:**

```
10 • select * from products;
```

Result Grid						
Filter Rows:						
	pno	pname	stock	price	mrp	dp
▶	1	pencil	100	4	5	20
	2	pen	50	6	10	40
	3	toy bat	25	150	300	50
*	NULL	NULL	NULL	NULL	NULL	NULL

```
10 • select * from products;
```

Result Grid						
	pno	pname	stock	price	mrp	dp
▶	1	pencil	100	4	5	20
	2	pen	50	8	10	20
	3	toy bat	25	150	300	50
*	NULL	NULL	NULL	NULL	NULL	NULL

```
10 • select * from orders;
```

[illegible]