customer
- CUST_ID INT
- CNAME VARCHAR(30)
- CITY VARCHAR(30)

Indexes ►

orders
- ORDER_ID INT
- ORDER_DATE DATE
- CUST_ID INT
- ORDER_AMOUNT INT

Indexes ►

shipment
- ORDER_ID INT
- WAREHOUSE_ID INT
- SHIPDATE DATE

Indexes ►

item
- ITEM_ID INT
- UNITPRICE INT

Indexes ►

orderitem
- ORDER_ID INT
- ITEM_ID INT
- QTY INT

Indexes ►

warehouse
- WAREHOUSE_ID INT
- CITY VARCHAR(30)

Indexes ►

```sql
85   /* (QUERY 1)
86      Produce a listing: CUSTNAME, #oforders, AVG_ORDER_AMT, where the middle column is the total
87      numbers of orders by the customer and the last column is the average order amount for that
88      customer.*/
89   SELECT C.CNAME,COUNT(O.ORDER_ID)
90   AS TOTALORDERS,AVG(O.ORDER_AMOUNT)
91   AS AVG_ORDER_AMT FROM CUSTOMER C,
92   ORDERS O WHERE C.CUST_ID=O.CUST_ID GROUP BY O.CUST_ID;
93
94   /* (QUERY 2)
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CNAME	TOTALORDERS	AVG_ORDER_AMT
PUSHPA K	2	19000.0000
LAILA	2	17500.0000
FAIZAL	4	24000.0000
SOURAV	1	29000.0000
SUMAN	1	56000.0000

```sql
94    /* (QUERY 2)
95      List the order# for orders that were shipped from all warehouses that the company has in a
96      specific city.*/
97 •  SELECT S.ORDER_ID FROM SHIPMENT S,
98      WAREHOUSE W WHERE S.WAREHOUSE_ID=W.WAREHOUSE_ID AND W.CITY="BANGALORE";
99

100    /* (QUERY 3)
101      Demonstrate how you delete item# 10 from the ITEM table and make that field null in the
102      ORDER_ITEM table.*/
103 • DELETE FROM ITEM WHERE ITEM_ID=5002;
```

Result Grid | Filter Rows: [   ] | Export: | Wrap Cell Content: ĪA

ORDER_ID
112
117

```
100      /* (QUERY 3)
101      Demonstrate how you delete item# 10 from the ITEM table and make that field null in the
102      ORDER_ITEM table.*/
103  •   DELETE FROM ITEM WHERE ITEM_ID=5002;
104  •   SELECT * FROM ORDERITEM;
105
106
107
108
109
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⊼A

ORDER_ID	ITEM_ID	QTY
▶ 111	5001	50
112	5003	20
113	5002	50
114	5005	60
115	5004	90
116	5001	10

ORDERITEM 3 ✕