

Details for CLIENT_MASTER table continued.

Column Name	Data Type	Size	Default	Attributes
ADDRESS2	Varchar2	30		
CITY	Varchar2	15		
PINCODE	Number	8		
STATE	Varchar2	15		
BALDUE	Number	10,2		

Table Name: PRODUCT_MASTER

Description: Used to store product information.

Column Name	Data Type	Size	Default	Attributes
PRODUCTNO	Varchar2	6		Primary Key / first letter must start with 'P'
DESCRIPTION	Varchar2	15		Not Null
PROFITPERCENT	Number	4,2		Not Null
UNITMEASURE	Varchar2	10		Not Null
QTYONHAND	Number	8		Not Null
REORDERLVL	Number	8		Not Null
SELLPRICE	Number	8,2		Not Null, Cannot be 0
COSTPRICE	Number	8,2		Not Null, Cannot be 0

Table Name: SALESMAN_MASTER

Description: Used to store salesman information working for the company.

Column Name	Data Type	Size	Default	Attributes
SALESMANNO	Varchar2	6		Primary Key / first letter must start with 'S'
SALESMANNAME	Varchar2	20		Not Null
ADDRESS1	Varchar2	30		Not Null
ADDRESS2	Varchar2	30		
CITY	Varchar2	20		
PINCODE	Number	8		
STATE	Varchar2	20		
SALAMT	Number	8,2		Not Null, Cannot be 0
TGTTGET	Number	6,2		Not Null, Cannot be 0
YTDSALES	Number	6,2		Not Null
REMARKS	Varchar2	60		

Table Name: SALES_ORDER

Description: Used to store client's orders.

Column Name	Data Type	Size	Default	Attributes
ORDERNO	Varchar2	6		Primary Key / first letter must start with 'O'
CLIENTNO	Varchar2	6		Foreign Key references ClientNo of Client_Master table
ORDERDATE	Date			Not Null
DELYADDR	Varchar2	25		
SALESMANNO	Varchar2	6		Foreign Key references SalesmanNo of Salesman_Master table
DELYTYPE	Char	1	F	Delivery: part (P) / full (F)
BILLYN	Char	1		
DELYDATE	Date			Cannot be less than Order Date
ORDERSTATUS	Varchar2	10		Values ('In Process', 'Fulfilled', 'BackOrder', 'Cancelled')

check orderstatus In ()

Table Name: SALES_ORDER_DETAILS

Description: Used to store client's orders with details of each product ordered.

Column Name	Data Type	Size	Default	Attributes
ORDERNO	Varchar2	6		Foreign Key references OrderNo of Sales_Order table
PRODUCTNO	Varchar2	6		Foreign Key references ProductNo of Product_Master table
QTYORDERED	Number	8		
QTYDISP	Number	8		
PRODUCTRATE	Number	10,2		

2. Insert the following data into their respective tables:

a) Re-insert the data generated for tables CLIENT_MASTER, PRODUCT_MASTER, and SALESMAN_MASTER. Refer to hands-on exercised for Chapter 07:Interactive SQL-Part I.

b) Data for Sales_Order table:

OrderNo	ClientNo	OrderDate	SalesmanNo	DelyType	BillyN	DelyDate	OrderStatus
O19001	C00001	12-June-04	S00001	F	N	20-July-02	In Process
O19002	C00002	25-June-04	S00002	P	N	27-June-02	Cancelled
O46865	C00003	18-Feb-04	S00003	F	Y	20-Feb-02	Fulfilled
O19003	C00001	03-Apr-04	S00001	F	Y	07-Apr-02	Fulfilled
O46866	C00004	20-May-04	S00002	P	N	22-May-02	Cancelled
O19008	C00005	24-May-04	S00004	F	N	26-July-02	In Process

c) Data for Sales_Order_Details table:

OrderNo	ProductNo	QtyOrdered	QtyDisp	ProductRate
O19001	P00001	4	4	525
O19001	P07965	2	1	8400
O19001	P07885	2	1	5250
O19002	P00001	10	0	525
O46865	P07868	3	3	3150
O46865	P07885	3	1	5250
O46865	P00001	10	10	525
O46865	P0345	4	4	1050
O19003	P03453	2	2	1050
O19003	P06734	1	1	12000
O46866	P07965	1	0	8400
O46866	P07975	1	0	1050
O19008	P00001	10	5	525
O19008	P07975	5	3	1050