



Laboratory Assignments

Session: 2022-23
MCKVIE/CSE(DS)/PC-CS692

MCKV Institute of Engineering

243 G. T. Road (N), Liluah, Howrah – 711204

Subject: **Database Management System Lab**
Stream: CSE(DS)

Code: **PC-CS692**
Credit: 1.5

Assignment-1

Create the following tables using the schema given below and insert given data set accordingly.

Table Name- client_master

Description- Used to store client information

Column No	Column Name	Data Type	Size	Attributes
1	Client_no	Varchar2	6	Primary key, first letter must start with 'C'
2	Name	Varchar2	30	Not NULL
3	Address1	Varchar2	30	
4	Address2	Varchar2	30	
5	City	Varchar2	15	
6	State	Varchar2	15	
7	Pincode	Number	6	
8	Balance_due	Number	10,2	

Data of client_master table

Col-1	Col-2	Col-3	Col-4	Col-5	Col-6	Col-7	Col-8
C001	Ivan Bayross	P-76	Worli	Bombay	Maharastra	400054	15000
C002	VandanaSatiwal	128	Adams Street	Madras	TamilNadu	780001	0
C003	PramadaJaguste	157	Gopalpur	Kolkata	West Bengal	700058	5000
C004	BasuNavindgi	A/12	Nariman	Bombay	Maharastra	400056	0
C005	Ravi Sreedharan	B/34	Rajnagar	Delhi	Delhi	100001	2000
C006	Rukmini	Q-12	Bandra	Bombay	Maharastra	400050	0

Table Name- product_master:

Description- Used to store product information

Column No	Column Name	Data Type	Size	Attributes
1	Product_no	Varchar2	6	Primary key, First letter must start with 'P'
2	Description	Varchar2	40	Not null
3	Profit_percent	Number	4,2	Not null
4	Unit_measure	Varchar2	10	Not null
5	Qty_on_hand	Number	8	Not null
6	Reorder_level	Number	8	Not null
7	Sell_price	Number	8,2	Not null, cannot be 0
8	Cost_price	Number	8,2	Not null, cannot be 0



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Data of product_master table

Col-1	Col-2	Col-3	Col-4	Col-5	Col-6	Col-7	Col-8
P00001	1.44 Floppies	5	Piece	100	20	525	500
P03453	Monitors	6	Piece	10	3	12000	11280
P06734	Mouse	5	Piece	20	5	1050	1000
P07865	1.22 Floppies	5	Piece	100	20	525	500
P07868	Keyboard	2	Piece	10	3	3150	3050
P07885	CD Drive	2.5	Piece	10	3	5250	5100
P07965	540 HDD	4	Piece	10	3	8400	8000
P07975	1.44 Drive	5	Piece	10	3	1050	900
P08865	1.22 Drive	5	Piece	2	3	1025	850

Table Name- salesman_master:

Description- Used to store salesman working for company

Column No	Column Name	Data Type	Size	Attributes
1	Salesman_no	Varchar2	6	Primary key, first letter must start with 'S'
2	Salesman_name	Varchar2	30	Not null
3	Address1	Varchar2	30	Not null
4	Address2	Varchar2	30	
5	City	Varchar2	20	
6	Pincode	Number	8	
7	State	Varchar2	20	
8	Sal_amt	Number	8, 2	Not null, cannot be 0

Data of salesman_master table

Col-1	Col-2	Col-3	Col-4	Col-5	Col-6	Col-7	Col-8
S001	Kiran	A/14	Worli	Bombay	400002	Maharastra	3000
S002	Manish	65	Nariman	Bombay	400001	Maharastra	3000
S003	Ravi	P-7	Bandra	Bombay	400032	Maharastra	3000
S004	Asish	A/5	Juhu	Bombay	400044	Maharastra	3000

Table Name- sales_order:

Description- Used to store client's orders

Column No	Column Name	Data Type	Size	Attributes
1	Order_no	Varchar2	6	Primary key, first letter must start with 'O'
2	Order_date	Date		
3	Client_no	Varchar2	6	Foreign key references Client_master table
4	Salesman_no	Varchar2	6	Foreign key references salesman_master table
5	Delivery_type	Char	1	Delivery part(P), full(F) Default 'F'
6	Bill_y_n	Char	1	
7	Delivery_date	Date		Cannot be less than Order_date
8	Order_status	Varchar2	10	Values('InProgress', 'Fullfilled', 'BackOrder', 'Cancelled')



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Data of sales_order table

Col-1	Col-2	Col-3	Col-4	Col-5	Col-6	Col-7	Col-8
O19001	12-Jan-96	C001	S001	F	N	20-Jan-96	InProcess
O19002	25-Jan-96	C002	S002	P	N	27-Jan-96	BackOrder
O46865	18-Feb-96	C003	S003	F	Y	20-Feb-96	Fullfilled
O19003	03-Apr-96	C001	S001	F	Y	07-Apr-96	Fullfilled
O46866	20-May-96	C004	S002	P	N	22-May-96	Cancelled
O19008	24-May-96	C005	S004	F	N	26-May-96	InProcess

Table Name- sales_order_details:

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

Column No	Column Name	Data Type	Size	Attributes
1	Order_no	Varchar2	6	Foreign key referencessales_order table
2	Product_no	Varchar2	6	Foreign key references product_master table
3	Qty_ordered	Number	8	
4	Qty_disp	Number	8	
5	Product_rate	Number	10, 2	

Data of sales_order_details

Col-1	Col-2	Col-3	Col-4	Col-5
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	P03453	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