

DATABASE LAB BCAC 491

Assignment 4

Clientmaster:

Clientno	Name	city	pincode	state	Bal_due
0001	Ivan	Bombay	400054	Maharashtra	15000
0002	Vandana	Madras	780001	Tamilnadu	0
0003	Pramada	Bombay	400057	Maharashtra	5000
0004	Basu	Bombay	400056	Maharashtra	0
0005	Ravi	Delhi	100001		2000

Salesorder table:

S_orderno	S_orderdate	Client no	Dely type	Bill (Y/N)	Salesman no	Delay date	Orderstatus
019001	12-jan-96	0001	F	N	50001	20-jan-96	Ip
019002	25-jan-96	0002	P	N	50002	27-jan-96	C
016865	18-feb-96	0003	F	Y	500003	20-feb-96	F
019003	03-apr-96	0001	F	Y	500001	07-apr-96	F

Sales_order_details table:

S_order no	Product no	Qty ordered	Qty disp	Product_rate
019001	P00001	4	4	525
019001	P07965	2	1	8400
019002	P00001	10	0	525
046865	P07868	3	3	3150
046865	P07885	10	10	5250

Challan_header

Challan No	S_order No	Challan Date	Billed
CH9001	019001	12-DEC-95	Y
CH865	046865	12-NOV-95	Y
CH3965	010008	12-OCT-95	Y

Salesman_master

Salesman_no	Salesman name	Address	City	P i n c o d e	State	Salamt	Tgt_to_get	Ytd Sales	Remarks
500001	Kiran	A/14 worli	Bombay	400002	Maharashtra	3000	100	50	Good
500002	Manish	65,nariman an	Bombay	400001	Maharashtra	3000	200	100	Good
500003	Ravi	P-7 Bandra	Bombay	400032	Maharashtra	3000	200	100	Good
500004	Ashish	A/5 Juhu	Bombay	400044	Maharashtra	3500	200	150	Good

1. Create an index on the table client_master, field clientno.
2. Create an index on the sales_order, field s_order_no.
3. Create a composite index on the sales_order_details table for the columns s_order_no and product_no.
4. Create a composite index ch_index on challan_header table for the columns challan no and s_order_no.
5. Create a unique index on the table salesman_master, field salesman_no.
6. Drop index ch_index on table challan_header.
7. Create view on salesman_master whose sal_amt is less than 3500.
8. Create a view client_view on client_master and rename the columns as name, city, pcode, state respectively.
9. Select the client names from client_view who lives in city 'Bombay'.
10. Drop the view client_view.
11. Create sequence inv_seq with the following parameters, increment by 3, cycle, cache 4 and which will generate numbers from 1 to 9999 in ascending order.
12. Give another name for Sales_order_details table.