CLIENTNO	NAME	CITY	PINCODE	STATE	BAL_DUE
0001	Ivan	Bombay	400054	Maharastra	15000
0002	Vandana	Madras	780001	Tamilnadu	0
0003	Pramada	Bombay	400057	Maharastra	5000
0004	Basu	Bombay	400056	Maharastra	0
0005	Ravi	Delhi	100001	-	2000

S_ORDERNO	S_ORDERDATE	CLIENTNO	DELYTYPE	BILL	SALESMANNO	DELAYDATE	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
016895	18-FEB-96	0003	F	Y	500003	20-FEB-96	F
019003	03-APR-96	0001	F	Y	500001	07-APR-96	F

S_ORDERNO	PRODUCTNO	QTYORDERED	QTYDISP	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

CHALLANNO	S_ORDERNO	CHALLANDATE	BILLED
CH9001	019001	12-DEC-95	Y
CH865	046865	12-NOV-95	Y
CH3965	010008	12-OCT-95	Y

SALESMAN_NO	SALESMAN NAME	ADDRESS	CITY	PINCODE	STATE	SALAMT	TGT_TO_GET	YTDSALES	REMARKS
500001	Kiran	A/14 worli	Bombay	400002	Maharastra	3000	100	50	Good
500002	Manish	65,nari man	Bombay	400001	Maharastra	3000	200	100	Good
500003	Ravi	P-7 Bandra	Bombay	400032	Maharastra	3000	200	100	Good
500004	Ashish	A/5 Juhu	Bombay	400044	Maharastra	3500	200	150	Good

Assignment - 4

1. Create an index on the table client_master, field clientno.

create index index_clientmaster on Clientmaster (Clientno);

2. Create an index on the sales_order, field s_order_no.

create index index_salesorder on Salesorder (S_orderno);

3. Create a composite index on the sales_order_details table for the columns s_order_no and product_no.

create index index_sales_order_details on Sales_order_details (S_orderno, Productno);

4. Create a composite index ch_index on challan_header table for the columns challan no and s_order_no.

create index ch_index on Challan_header (ChallanNo, S_orderNo);

5. Create a unique index on the table salesman_master, field salesman_no.

create unique index index_salesman_master on Salesman_master (Salesman_no);

6. Drop index ch_index on table challan_header.

drop index ch_index;

7. Create view on salesman_master whose sal_amt is less than 3500.

create view sal_amtLessThan3500 as
select * from Salesman_master
where Salamt < 3500;

8. Create a view client_view on client_master and rename the columns as name, city, pcode, state respectively.

create view client_view as
select Name as name, City as city, Pincode as pcode, State as state from Clientmaster;

9. Select the client names from client_view who lives in city 'Bombay'.

select name from client_view where city='Bombay';

NAME
Ivan
Pramada
Basu

10. Drop the view client_view.

drop 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.

create sequence inv_seq
start with 1
increment by 3
minvalue 1
maxvalue 9999
cycle
cache 4;

12. Give another name for Sales_order_details table.

alter table Sales_order_details rename to new_sales_order_details;