

ASSIGNMENT - 1**Do as directed:**

1. Create the following table named table as **CUSTOMER**:

COLUMN NAME	DATATYPES	SIZE	DESCRIPTION
CUST_NO	NUMBER	4	PRIMARY KEY
0FIRST_NAME	VARCHAR2	20	NOT NULL
LAST_NAME	VARCHAR2	20	-
ADDRESS	VARCHAR2	20	-
CITY	VARCHAR2	8	-
STATE	VARCHAR2	20	-
PIN	VARCHAR2	6	-
B_DATE	DATE	-	-
STATUS	CHAR	1	VLUES MUST BE IN ('V','I','A')

2. Insert the following data into the **CUSTOMER** table:

1003	RAJ	BAHADUR	SHANTI VILLA	UDP	KARNATAKA	576101	1-AUG-70	V
1004	FELIX	SIMON	M-J-56	PJM	GOA	403002	12-FEB-71	A
1005	RAJAN	KUTTY	A1 TRADERS	KNR	KERALA	670001	9-JUN-71	A
1006	SHILPA	PAI	12/4B	MNG	KARNATAKA	574154	11-DEC-70	I
1007	BOSCO	RAKSHIT	R.K. PLAZA	BNG	KARNATAKA	576201	1-JAN-71	A

3. Display all the records from the table.
4. Display all the records from the table where state is KARNATAKA.
5. Delete the row from the table where PIN CODE is 576201.
6. Set the PIN CODE equal 476001 where CUST_NO=1004.
7. Change the ADDRESS as “KAVI MUDDANNA MARG” AND PIN=576104 where CUST_NO=1003.
8. Delete the records of KARNATAKA state from the table and then retrieve all the records back.
9. List all the records for INVALID ('I') persons.
10. Select all the records with single occurrence (without duplication) of state from the table.
11. Sort and display the customer data, in the alphabetic order of state.
12. Sort and display the state field in the in descending order.
13. Select the records of KARNATAKA customers who are valid ('V').
14. Retrieve records of Karnataka / Kerala customers.
15. Retrieve records of Karnataka / Kerala customers who are ACTIVE ('A').
16. Retrieve records of Karnataka customers with pin code 576201.
17. Display all the rows from the table except 1005.
18. Retrieve rows where the state name begins with K and following by any other character.
19. Retrieve rows where name contains the word RAJ embedded it.
20. Display all the row who's CUST_NO is from 1003 to 1005.
21. Display all the rows whose dates are in the range of 10-JAN-70 and 31-JUL-96.
22. Retrieve all the rows where city column equals to UDP or MNG or BNG or PGN.
23. Rename customer table to CUST.