1) List all cities that have atleast the “fixeddeposit” facility in the lexicographic order. (4m)

A) select B.CITY from BRANCH AS B, ASSETS AS A WHERE B.BRN_NAME=A.BR_NAME AND A.FACILITIES='fixeddeposit' ORDER BY B.CITY;

```
+---------------+
| CITY          |
+---------------+
| Eluru         |
| Guntur        |
| Hyderabad     |
| Vijayanagaram |
| Vijayawada    |
+---------------+
5 rows in set (0.00 sec)
```

2) List all customer names in decreasing order of their loan amounts. If a person has taken more than one loans, then display all their loans. (4m)

A) select C.NAME,L.AMOUNT from CUSTOMER as C, BORROWER as B, LOAN as L where C.C_ID=B.CUST_ID and B.LOAN_NO=L.LN_NO order by L.AMOUNT desc;

```
+----------+---------+
| NAME     | AMOUNT  |
+----------+---------+
| sachitra | 8000000 |
| sachitra | 8000000 |
| haritha  | 6000000 |
| sachitra | 6000000 |
| shankar  | 4000000 |
| saritha  | 4000000 |
| himani   | 2000000 |
| haritha  |  500000 |
| himani   |  500000 |
| yogitha  |  500000 |
| radhika  |  500000 |
| ramu     |  500000 |
| haritha  |  500000 |
| ramu     |  500000 |
+----------+---------+
14 rows in set (0.00 sec)
```

3) List the first two account numbers when arranged in ascending order when the accounts have been accessed on either the 1st or 12th day of the month. (4m)

A) SELECT DISTINCT AC_NO FROM DEPOSITOR WHERE ACCESS_DT LIKE '%12' OR ACCESS_DT LIKE '%01' ORDER BY AC_NO LIMIT 2;

```
+-------------+
| AC_NO       |
+-------------+
| 20012023046 |
| 20012023096 |
+-------------+
2 rows in set, 2 warnings (0.00 sec)
```

4) List all customer names in decreasing order of the **TOTAL** loan amounts. (6m)

A) select C.NAME,SUM(L.AMOUNT) from CUSTOMER as C, BORROWER as B, LOAN as L where C.C_ID=B.CUST_ID and B.LOAN_NO=L.LN_NO GROUP BY C.NAME order by SUM(L.AMOUNT) desc;

```
+----------+---------------+
| NAME     | SUM(L.AMOUNT) |
+----------+---------------+
| sachitra |      22000000 |
| haritha  |       7000000 |
| shankar  |       4000000 |
| saritha  |       4000000 |
| himani   |       2500000 |
| ramu     |       1000000 |
| radhika  |        500000 |
| yogitha  |        500000 |
+----------+---------------+
8 rows in set (0.00 sec)
```

5) Display customer names of whose any loan has been payed more than once. (6m)

A) SELECT NAME FROM CUSTOMER,(SELECT CUST_ID AS CID FROM BORROWER, (SELECT COUNT(L_NO) AS CNT,L_NO AS LNO FROM PAYMENT GROUP BY L_NO) AS T1 WHERE T1.CNT>1 AND BORROWER.LOAN_NO = LNO) AS T2 WHERE CUSTOMER.C_ID = CID;

```
+---------+
| NAME    |
+---------+
| haritha |
| himani  |
+---------+
2 rows in set (0.00 sec)
```

6) Display the name and balance of all the customers who have accessed their accounts before 30th May 2012 and who also have taken more than one loan. (8 m)

A) SELECT NAME,BALANCE from CUSTOMER C,ACCOUNT A,DEPOSITOR D,LOAN L, (SELECT CUST_ID FROM BORROWER GROUP BY CUST_ID HAVING COUNT(*)>1) AS T WHERE C.C_ID = D.CUST_ID AND D.AC_NO=A.ACC_NO AND T.CUST_ID = C.C_ID AND D.ACCESS_DT<"2012-05-30" GROUP BY T.CUST_ID,A.BALANCE;

```
+----------+---------+
| NAME     | BALANCE |
+----------+---------+
| himani   |    4000 |
| sachitra |    6000 |
+----------+---------+
2 rows in set (0.00 sec)
```

7) Display the name of the customers who have accessed their account atleast once and the city which has their account with an even zone branch. (zone2,zone4 etc). (8m)

SELECT NAME,T2.CIT FROM CUSTOMER, (select DISTINCT A AS A1,CUST_ID AS C1, t1.C AS CIT from DEPOSITOR,ACCOUNT, (select BR.CITY AS C, AC.ACC_NO AS A FROM B AC.BR_NAME AND (BR.BRN_NAME='zone2' OR BR.BRN_NAME='zone4' OR BR.BRN_NAME='zone6' OR BR.BRN_NAME='zone8')) as t1 WHERE DEPOSITOR.AC_NO = A) AS T2 WHERE CUSTOMER.C_ID = T2.C1;

```
+---------+---------------+
| NAME    | CIT           |
+---------+---------------+
| saritha | Vijayanagaram |
+---------+---------------+
1 row in set (0.00 sec)
```