

**PRACTICAL-2 (SQL)**

**Using Operator: NOT,BETWEEN,NOT BETWEEN,IN,NOT IN**

**Discuss following in SQL**

- **logical And, Or, Not**
- **Between – And operator (Not between - And)**
- **like predicate**
- **in Predicate (not in Predicate)**

**Perform Following Queries Using SQL**

1. Drop city column from Account table.
2. Rename Name to New\_name from Account table.
3. Retrieve specified information for the account holder who are not in 'Ahmedabad' or 'Vadodara'.
4. Retrieve those records of Account holder whose balance between is 50000 and 100000.
5. Retrieve those records of Account holder whose balance not between is 50000 and 100000.
6. Display only those records whose amount is 5000, 25000, 30000.
7. Display only those records whose amount not in 5000, 25000, 30000.
8. Display System date.
9. Find the date,15 days after today's date.
10. Perform following operation using DUAL table.  
5\*5,34+34,1000/300,length of 'uvpce',display only month of systemdate
11. Find the date,20 days before today's date.

**Function Based Queries.**

**Discuss following**

- **Group by function**
- **scalar function**

**Perform Following Queries Using SQL.**

**TABLE: Transaction**

Column Name	Data Type	Size
acc_no	Varchar2	5
tr_Date	Date	
Amt	Number	10,2
type_of_tr	Char	1
mode_of_pay	Varchar2	10

**Insert Following data into transaction table.**

Acc_no	Date	Amt	Type_of_tr	Mode_of_pay
A001	3-may-04	10000	D	Cash
A002	5-july-04	5000	W	Cheque
A003	12-Aug-04	25000	D	Cheque
A004	15-may-04	30000	D	Cheque
A005	22-oct-04	15000	W	Cash

1. Find the total transaction amount of account holder from transaction table.
2. Find minimum amount of transaction.
3. Find maximum amount of transaction.
4. Count the total account holders.
5. Count only those records whose made of payment is 'cash'.
6. Count only those records whose transaction made in the month of 'MAY'.
7. Find the average value of transaction.
8. Display the result of 4 rest to 4.
9. Find the square root of 25.
10. Write the query for the following Function.

LOWER,INITCAP,UPPER,SUBSTR,LENGTH,LTRIM,RTRIM,LPAD,RPAD.