

5/8/13

( Lec 110 )  
21.22

## Queries

→ To Select between particular range

Select \* from product  
where price between 10 AND 100.

→ To Select Names between Range

Select \* from products  
where pro.name between 'C' AND 'F'

→ To Select particular dates.

Select \* from product  
where date between #01/01/15# AND #01/02/15#

→ To change name of Attribute temporarily

Select emp.id AS emp from employee

→ To make sure id always greater than 0.

Create Table Person  
( P.id int Not Null  
Check ( P.id > 0 ) )

→ Difference between Delete, Drop & Truncate.

- i) Delete:- It deletes data but do not delete table.
- ii) Drop:- It not only deletes data but also deletes table from database.
- iii) Truncate:-

Like:-

```
Select * from Customer
where city like 'S-'
           'S[A-C]'
           'S[Yes]'
```

- i) % Zero or More
- ii) - A Single Character
- iii) [A-C] Range
- iv) [Yes] Exact pattern
- v) % f % Any before and after f

# Join:-

Orders			FK	Customers			
PK	Order-id	Order-date	FK	PK	Cust-id	C-name	Country
	10308	18-9-2014			1	Faiza	Pakistan
	10309	15-4-2015			2	Rabia	London
	10310	20-3-2014			3	Misbah	Mexico

inner join:-

→ To Select Attributes from two tables:-

```
SELECT Customer.Cust-id, Order.Order-id, Order.Order-date
FROM Order JOIN Customer ON
Order.Cust-id = Customer.Cust-id
```

Outer joins:-

It has further two types:-

- i) Left join (It will show data from left table)
- ii) Right join (" " " " " right " )

```
SELECT Customer.Cust-id, Order.Order-id, Order.Order-date
FROM Order LEFT JOIN Customer ON
Customer.Cust-id = Order.Cust-id
```

Full Join:-

It will show data from both tables.

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