**Wildcards: -**

SELECT \* FROM `actor`

where first\_name like 'JOHN%'

SELECT \* FROM `actor`

where first\_name like 'JA%NE'

SELECT \* FROM `actor`

where first\_name like 'JA\_NE'

SELECT \* FROM `actor`

where first\_name like 'JANE'

SELECT \* FROM `actor`

where first\_name like 'JANE'

or first\_name like 'JOHN%'

**Sort: -**

SELECT \* FROM `actor`

where first\_name like 'JANE'

or first\_name like 'JOHN%'

order by last\_name asc

**Concatenation Functions: -**

SELECT first\_name,length(first\_name) FROM `actor`

SELECT concat(first\_name,' ',last\_name) FROM `actor`

SELECT concat(first\_name,' ',last\_name),length(concat(first\_name,' ',last\_name))

FROM `actor`

SELECT concat(first\_name,' ',last\_name),length(concat(first\_name,' ',last\_name))

FROM `actor`

order by length(concat(first\_name,' ',last\_name)) DESC

SELECT lower(first\_name)

FROM `actor`

Proper case

SELECT concat(Upper(left(first\_name,1)),Lower(right(first\_name,length(first\_name)-1))), first\_name

FROM `actor`

**Substring function: -**

SELECT concat(Upper(substring(first\_name,1,1)),lower(substring(first\_name,2)))

FROM `actor`

SELECT substring(first\_name,-4,4),first\_name

FROM `actor`

SELECT description as 'Old description', trim(LEADING 'A ' from description) FROM `film\_text`

SELECT substring('Ajit Kumar Chaudhary',1,locate(' ','Ajit Kumar Chaudhary'))

SELECT substring('Ajit Kumar Chaudhary',1,locate(' ','Ajit Kumar Chaudhary',8))

SELECT substring('Ajit Kumar Chaudhary',locate(' ','Ajit Kumar Chaudhary',8),length('Ajit Kumar Chaudhary'))

**Date Functions: -**

SELECT \* FROM `address`

where last\_update = '2006-02-15'

SELECT \* FROM `address`

where last\_update > '2006-02-15'

SELECT \* FROM `address`

where date(last\_update) = '2006-02-15'

SELECT \* FROM `address`

where year(last\_update) = '2006'

SELECT date\_Format(last\_update,'%m-%d-%Y')

FROM `address`

SELECT date\_Format(last\_update,'%M %D %Y')

FROM `address`

**Group by: -**

SELECT count(\*) FROM `address`

SELECT count(address2) FROM `address`

SELECT \* FROM `address`

where address2 is null

SELECT district,count(\*) FROM `address`

group by district

SELECT district,count(\*) as ct

FROM `address`

group by district

order by ct

SELECT district,count(\*) as ct

FROM `address`

where address\_id <10

group by district

order by ct desc

**Having Clause: -**

SELECT district,count(\*) as ct

FROM `address`

where district like 'B%'

group by district

having count(\*)>2

order by ct desc

SELECT min(rental\_duration),max(rental\_duration),avg(rental\_duration) FROM `film`

SELECT rating,sum(rental\_duration) FROM `film`

group by rating

SELECT avg(year(last\_update)) FROM actor

**De-Duplicate using Select: -**

SELECT distinct district FROM address

SELECT distinct concat(customer\_id,inventory\_id) FROM rental

SELECT count(\*) FROM rental

SELECT concat(customer\_id,inventory\_id),count(\*) as ct FROM rental

group by concat(customer\_id,inventory\_id)

having count(\*)>1

order by ct DESC