```sql
-- limit
select * from student
limit 20;


-- pagination
-- limit , offset

select * from student
LIMIT 10
OFFSET 20;

-- order by (Ascending sort)

select * from enrollment
order by course_id
```

```
-- order by (Descending sort)

select * from enrollment
order by course_id DESC



– IN
SELECT * from course
where id IN (7,9,10,11,13)



– BETWEEN
select * from course
WHERE id
BETWEEN 1 AND 10
```

– DISTINCT

SELECT DISTINCT duration
from course

– AND
select * from course
where duration > 50 and starts_at >= '2024-01-01' and starts_at <= '2024-12-31'

– OR
SELECT * from course
where (duration <20) OR (starts_at >='2023-01-01' AND starts_at <= '2024-12-31')

```sql
-- LIKE (case-sensitive)
-- name starts with T
select * from student
where name LIKE 'T%';

-- LIKE
-- name ends with Miah
select * from student
where name LIKE '%Miah';

-- LIKE
-- name contains 'ir'
select * from student
where name LIKE '%ir%';
```

```sql
-- ILIKE (case-insensitive)

select * from student
where name ILIKE '%raj%';

– IS NULL / IS NOT NULL

select * from student
where email IS NULL;

select * from student
where email IS NOT NULL;
```

```sql
-- string concatenation
select (name || ' - ' || description) AS "course intro" from course;


-- self study (concat() , ws_concat())
```

```sql
-- for today date
SELECT CURRENT_DATE;

-- for current time
SELECT CURRENT_TIME; --UTC
SELECT CURRENT_TIME AT TIME ZONE 'Asia/Dhaka'; -- for a given timezone

-- for current datetime
SELECT NOW(); --UTC
SELECT NOW() AT TIME ZONE 'Asia/Dhaka'; -- for a given timezone
```

```sql
select
    starts_at ,
    EXTRACT(DAY from starts_at) AS Day ,
    EXTRACT(DOW from starts_at) + 1 AS "Day of the week" ,
    EXTRACT(MONTH from starts_at) AS Month ,
    EXTRACT(YEAR from starts_at) AS year
from course
order by year desc
```