

THEORETICAL

Explain how to get a unique list of rows in a SELECT statement

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The DISTINCT clause is used in the SELECT statement to remove duplicate rows from a result set.

It keeps one row for each group of duplicates.

It can be applied to one or more columns in the select list of the SELECT statement.

```
SELECT
  DISTINCT column1
FROM
  table_name;
```

It also Can be used in multiple columns:

```
SELECT
  DISTINCT column1, column2
FROM
  table_name;
```

Also can be specified ordered by which...

```
SELECT
    DISTINCT bcolor,
    fcolor
FROM
    distinct_demo
ORDER BY
    bcolor,
    fcolor;
```

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The SQL DISTINCT keyword is used in conjunction with the SELECT statement to eliminate all the duplicate records and fetching only unique records.

There may be a situation when you have multiple duplicate records in a table. While fetching such records, it makes more sense to fetch only those unique records instead of fetching duplicate records.

Syntax

The basic syntax of DISTINCT keyword to eliminate the duplicate records is as follows –

```
SELECT DISTINCT column1, column2,.....columnN  
FROM table_name  
WHERE [condition]
```

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[**SELECT DISTINCT**]

- This clause is used to remove duplicates from the output of SQL query,

E.g:

SELECT DISTINCT column_name FROM table_name;

OR

SELECT DISTINCT ON

(column_name.table_alias) column_to_show, another_one

FROM

table_name as table_alias

INNER JOIN

table_name as table_alias2

ON

table_alias.equaled_column = table_alias2.equaled_column

PRACTICAL

Create the functionality to add a student to a session from scratch

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(Group Work)

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1- Database schema ->

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2- Model ->

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3- Handler ->

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