

# SQLITE - DISTINCT KEYWORD

[http://www.tutorialspoint.com/sqlite/sqlite\\_distinct\\_keyword.htm](http://www.tutorialspoint.com/sqlite/sqlite_distinct_keyword.htm)

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The SQLite **DISTINCT** keyword is used in conjunction with 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 unique records instead of fetching duplicate records.

## Syntax:

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

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

## Example:

Consider COMPANY table is having the following records:

ID	NAME	AGE	ADDRESS	SALARY
1	Paul	32	California	20000.0
2	Allen	25	Texas	15000.0
3	Teddy	23	Norway	20000.0
4	Mark	25	Rich-Mond	65000.0
5	David	27	Texas	85000.0
6	Kim	22	South-Hall	45000.0
7	James	24	Houston	10000.0
8	Paul	24	Houston	20000.0
9	James	44	Norway	5000.0
10	James	45	Texas	5000.0

First, let us see how the following SELECT query returns duplicate salary records:

```
sqlite> SELECT name FROM COMPANY;
```

This would produce the following result:

```
NAME
-----
Paul
Allen
Teddy
Mark
David
Kim
James
Paul
James
James
```

Now, let us use **DISTINCT** keyword with the above SELECT query and see the result:

```
sqlite> SELECT DISTINCT name FROM COMPANY;
```

This would produce the following result, where we do not have any duplicate entry:

```
NAME
-----
Paul
```

Allen  
Teddy  
Mark  
David  
Kim  
James