



A DATABASE
is a collection of data stored in a format
that can easily be accessed

in a format that can be easily accessed. In order to manage our





UPDATE Syntax

UPDATE *table_name*

SET *column1_name* = *value1*, *column2_name* = *value2*, ...

WHERE *condition*;



Navigator personal personal

SCHEMAS Filter objects

- phpmyadmin
- student**
 - Tables personal
 - Views
 - Stored Procedures
 - Functions
- test

1 UPDATE personal
2 SET phone = "405555"
3 WHERE id =

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	id	name	percentage	age	gender	phone	city
▶	1	Ram Kumar	45	19	M	4022144	Agra
	2	Sarita Kumari	55	22	F	4034421	Delhi
	3	Salman Khan	62	20	M	4056221	Agra
	4	Juhi Chawla	47	18	F	4089821	Bhopal
	5	Anil Kapoor	74	22	M	4025221	Agra
	6	John Abraham	64	21	M	4033776	Delhi
	7	Shahid Kapoor	52	20		4022784	Agra
	HULL	HULL	HULL	HULL	HULL	HULL	HULL



How to Rollback your work in MySQL ?

Employee Table

Id	Name	Age	Salary
1	Ram Kumar	19	4500
2	Salman Khan	18	5200
3	Sarita Kumari	21	8500
4	Anil Kapoor	20	6300

5200 ← 6000

UPDATE employee
SET Salary = 6000
WHERE Id = 2;



ROLLBACK;



Software Update
macOS Ventura 13.4.1 is available and will
be installed later tonight.



How to Rollback your work in MySQL ?

Employee Table

Id	Name	Age	Salary
1	Ram Kumar	19	4500
2	Salman Khan	18	5200
3	Sarita Kumari	21	8500
4	Anil Kapoor	20	6300

UPDATE employee
SET Age = 22
WHERE Id = 3;

COMMIT;

UPDATE employee
SET Salary = 6000
WHERE Id = 2; X

ROLLBACK;

Navigator

personal personal

SCHEMAS

Filter objects

- phpmyadmin
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- test

Administration Schemas

Information

No object selected

```
1 • SELECT * FROM personal;
2
3 • UPDATE personal SET age = 20
4 WHERE id = 4;
5
6 • COMMIT;
7
8 • UPDATE personal SET percentage = 60
9 WHERE id = 2;
10
11 • ROLLBACK;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	id	name	percentage	age	gender	phone	city
▶	1	Ram Kumar	45	19	M	4022144	Agra
	2	Sarita Kumari	55	22	F	4027895	Delhi
	3	Salman Khan	62	20	M	4022254	Agra
	4	Juhi Chawla	47	18	F	4028524	Bhopal
	5	Anil Kapoor	74	22	M	4027896	Agra
	6	John Abraham	64	21	M	4022034	Delhi
	7	Shahid Kapoor	52	20	M	4021469	Agra
*	MAX	MAX	MAX	MAX	MAX	MAX	MAX



DELETE Syntax

```
DELETE FROM table_name  
WHERE condition;
```

LIKE Operator with Wildcard Patterns

Pattern	Description
LIKE 'a%'	Start with "a"
LIKE '%a'	End with "a"
LIKE '%am%'	Have "am" in any position
LIKE 'a%m'	Start with "a" and Ends with "m"
LIKE '_a%	"a" in the second position
LIKE '__a%	"a" in the third position
LIKE '_oy'	"o" in the second and "y" in the third position



String Datatypes in MySQL

Press **esc** to exit full screen

1. CHAR(size) **0 to 255**
2. VARCHAR(size) **0 to 65535**
3. BINARY(size)
4. VARBINARY(size)
5. TINYTEXT
6. TEXT(size)
7. MEDIUMTEXT
8. LONGTEXT
9. TINYBLOB
10. BLOB(size)
11. MEDIUMBLOB
12. LONGBLOB
13. ENUM(val1, val2, val3, ...)
14. SET(val1, val2, val3, ...)

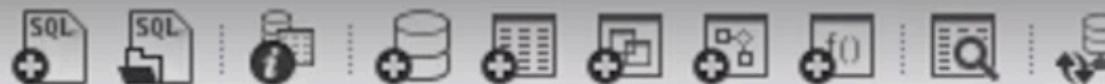


String Datatypes in MySQL

Press **esc** to exit full screen

1. CHAR(size) **0 to 255**
2. VARCHAR(size) **0 to 65535**
3. BINARY(size)
4. VARBINARY(size)
5. TINYTEXT **255 characters**
6. TEXT(size) **65,535 bytes**
7. MEDIUMTEXT **16,777,215 characters**
8. LONGTEXT **4,294,967,295 characters**
9. TINYBLOB **255 bytes**
10. BLOB(size)
11. MEDIUMBLOB
12. LONGBLOB
13. ENUM(val1, val2, val3, ...)
14. SET(val1, val2, val3, ...)

MySQL LIKE Operator & Wildcards Tutorial in Hindi / Urdu



Navigator

SCHEMAS

- Filter objects
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- test

personal x

1 • **SELECT * FROM personal**
2 **WHERE BINARY name LIKE "r%" ;**

Limit to 1000 rows

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

	id	name	age	gender	phone	city
▶	1	Ram Kumar	19	M	4022155	Agra
*	NULL	NULL	NULL	NULL	NULL	NULL

Administration Schemas

Information

No object selected

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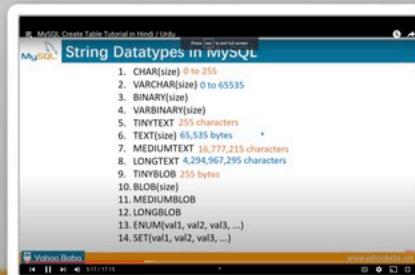
Subscribe





Numeric Datatypes in MySQL

1. BIT(size) **1 to 64**
2. TINYINT(size) **-128 to 127**
3. INT(size)
4. INTEGER(size)
5. SMALLINT(size)
6. MEDIUMINT(size)
7. BIGINT(size)
8. BOOL
9. BOOLEAN
10. FLOAT(p)
11. DOUBLE(size, d)
12. DECIMAL(size, d)
13. DEC(size, d)





Date & Time Datatypes in MySQL

1. DATE '1000-01-01' to '9999-12-31'
2. DATETIME(fsp) YYYY-MM-DD hh:mm:ss
3. TIMESTAMP(fsp)
4. TIME(fsp) hh:mm:ss
5. YEAR



SELECT Data with Regular Expression

Student Table

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan	19	Female
Sarita Kumari	21	Female
Anil Kapoor	20	Male

WHERE Name REGEXP "khan\$ | poor"

Name	Age	Gender
Salman Khan	18	Male
Meera Khan	19	Female
Anil Kapoor	20	Male

Regular Expression Patterns with Description

Sign	Pattern	Description
^	'^ra'	Beginning of string
\$	'an\$'	End of string
[...]	'[rms]'	Any character listed between the square brackets
^ [...]	'^[rms]'	Begins with Any character listed between the square brackets
[a-z]	'[a-h]e'	Match with in the range
p1 p2 p3	'tom dick harry'	matches any of the patterns p1, p2, or p3



SELECT Data with ORDER BY

Student Table

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan	19	Female
Sarita Kumari	21	Female
Anil Kapoor	20	Male

Ascending Order

Name	Age	Gender
Anil Kapoor	20	Male
Meera Khan	19	Female
Ram Kumar	19	Male
Salman Khan	18	Male
Sarita Kumari	21	Female



ORDER BY Name ASC

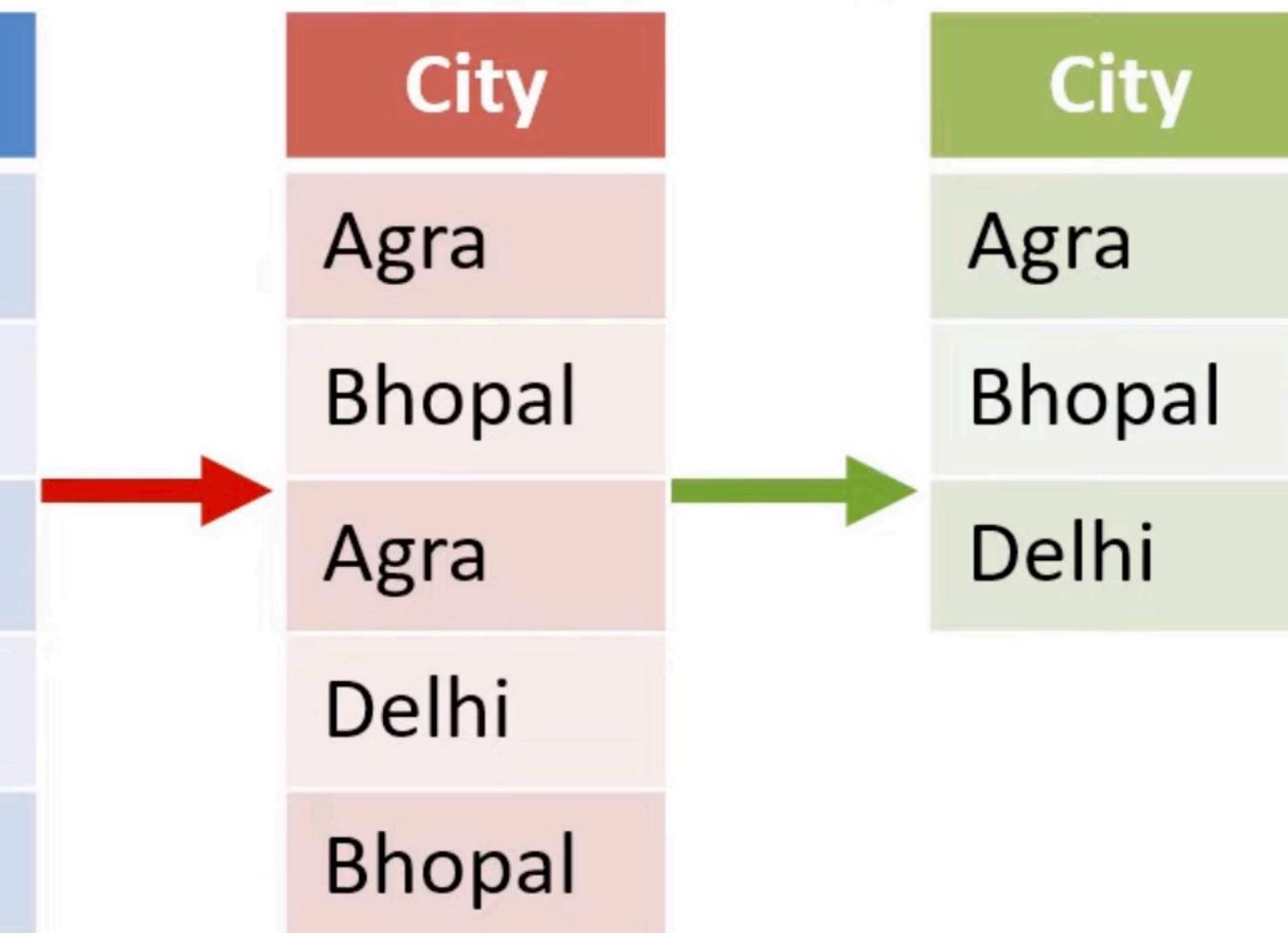
ORDER BY Name DESC

SELECT Data with DISTINCT

Student Table

Name	Age	City
Ram Kumar	19	Agra
Salman Khan	18	Bhopal
Meera Khan	19	Agra
Sarita Kumari	21	Delhi
Anil Kapoor	20	Bhopal

`SELECT DISTINCT City FROM student;`



City	City
Agra	Agra
Bhopal	Bhopal
Agra	Delhi
Delhi	
Bhopal	

`SELECT City FROM student;`



SELECT Data with IS NULL

Student Table

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan		Female
Sarita Kumari	21	Female
Anil Kapoor	20	Male

WHERE Age IS NULL

→

Name	Age	Gender
Meera Khan		Female



SELECT Data with LIMIT

Student Table

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan	20	Female
Sarita Kumari	21	Female
Anil Kapoor	20	Male
Shahid Kapoor	19	Male
Virat Kohli	21	Male



Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan	20	Female

```
SELECT * FROM student;
```



SELECT with LIMIT Syntax

SELECT column1, column2, column3,

FROM table_name

WHERE condition

LIMIT number;



SELECT with ORDER BY Syntax

```
SELECT column1, column2, column3, ....
FROM table_name
ORDER BY column1, column2, .... ASC | DESC;
```

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2:31 / 10:02

CC

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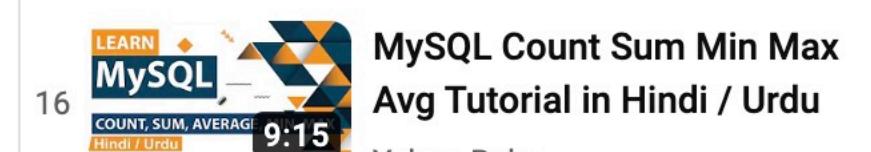
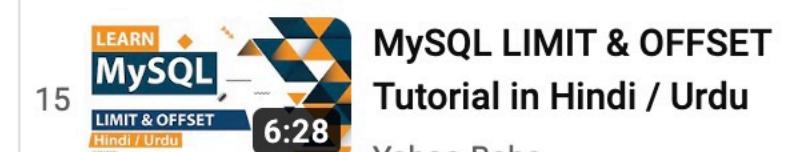
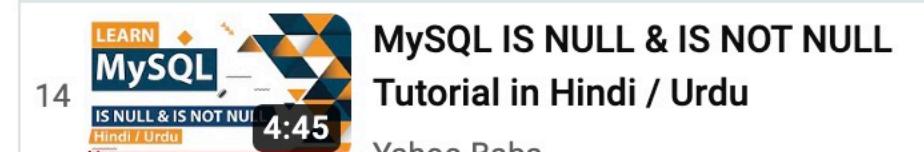
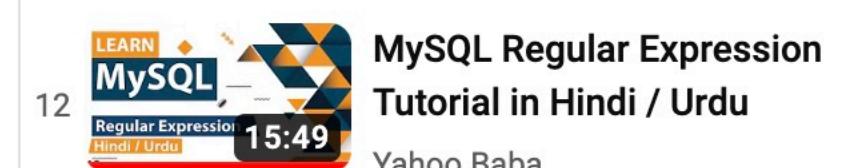
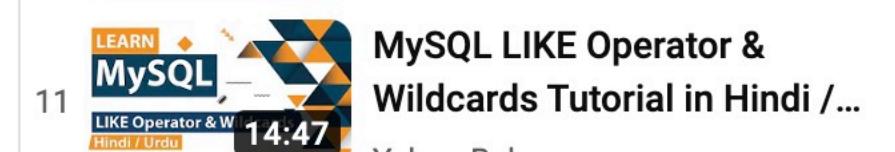
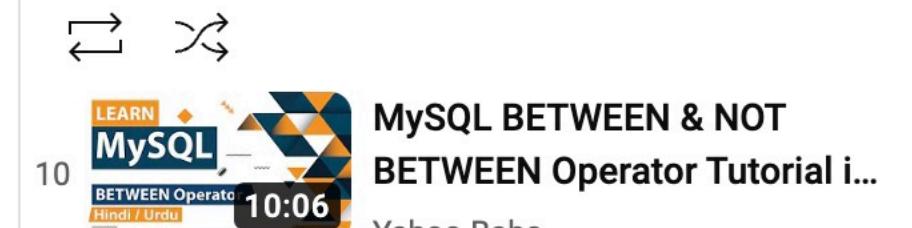
129K views 3 years ago MySQL Tutorial for Beginners in Hindi / Urdu

In this tutorial you will learn mysql order by and distinct tutorial in Hindi, Urdu. You can learn how to get ascending and descending order of any column with sql order by keyword and how to get unique values from any column of data tables with sql distinct in hindi.

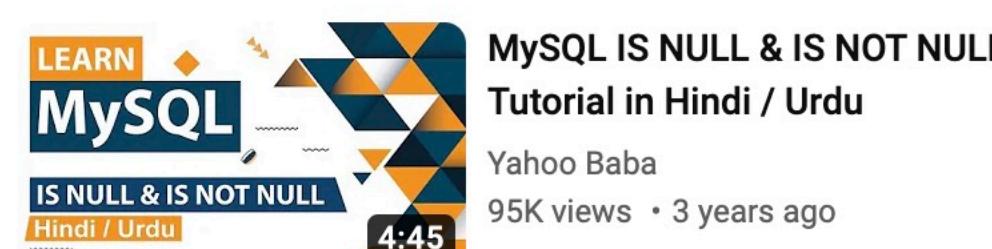
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The Error Object & Custom



SELECT Data with LIMIT & OFFSET

Student Table

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan	20	Female
Sarita Kumari	21	Female
Anil Kapoor	20	Male
Shahid Kapoor	19	Male
Virat Kohli	21	Male

LIMIT 3

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	18	Male
Meera Khan	20	Female



LIMIT 3, 3

OFFSET LIMIT NUMBER

Local instance

Administration Schemas Query 54 customer customer salesman customer customer

SCHEMAS

Filter objects

- > himi
- > himi1
- < query
 - Tables
 - > customer
 - < order1
 - Columns
 - ONUM
 - AMOUNT
 - ODATE
 - CNUM
 - SNUM
 - >Indexes
 - > Foreign Keys
 - > Triggers
 - > salesman
 - > Views
 - > Stored Procedures
 - > Functions
- > sql_hr
- > sql_inventory
- > sql_invoicing

Limit to 10000 rows

```

1  1 insert into order1 values(3001,18.69,"99/03/10",2006,1007),
2  2 (3002,767.19,"99/03/10",2001,1001),
3  3 (3003,1900.10,"99/03/10",2007,1004),
4  4 (3004,5160.45 , "99/03/10",2003,1002),
5  5 (3005,1098.25,"99/04/10",2006,1007),
6  6 (3006,1713.12 , "99/04/10",2002,1003),
7  7 (3007,75.75,"99/05/10",2004,1002),
8  8 (3008,4723.00 , "99/05/10",2005,1001),
9  9 (3009,1309.95 , "99/05/10",2001,1002),
10 10 (3010,9898.87,"99/06/10",20011001);

```

Object Info Session

Column: ONUM

Definition: ONUM int

Action Output

	Ti...	A	Response	Duration / Fetch Time
✖ 29...	21...	ci	Error Code: 1050. Table 'order1' already exists	0.0027 sec
✖ 29...	21...	in	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 2	0.00026 sec
✖ 29...	21...	in	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 6	0.00045 sec
✖ 29...	21...	in	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 8	0.00036 sec
✖ 29...	22...	in	Error Code: 1146. Table 'query.order1' doesn't exist	0.0013 sec
✖ 29...	22...	in	Error Code: 1292. Incorrect date value: '10/03/99' for column 'ODATE' at row 1	0.0016 sec
✖ 29...	22...	in	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '99/03/10",2001,1001), (3003,1900.10...	0.00028 sec

Query Completed



SELECT Data with Aggregate Functions

Employee Table

Name	Age	Gender	Salary
Ram Kumar	19	Male	4500
Salman Khan	18	Male	5200
Meera Khan	20	Female	6000
Sarita Kumari	21	Female	8500
Anil Kapoor	20	Male	6300
Shahid Kapoor	19	Male	4800
Virat Kohli	21	Male	5700

COUNT(column_name)



SELECT Data with Aggregate Functions

Employee Table

Name	Age	Gender	Salary
Ram Kumar	19	Male	4500
Salman Khan	18	Male	5200
Meera Khan	20	Female	6000
Sarita Kumari	21	Female	8500
Anil Kapoor	20	Male	6300
Shahid Kapoor	19	Male	4800
Virat Kohli	21	Male	5700

COUNT(column_name)

MAX(column_name)

MIN(column_name)

SUM(column_name)

AVG(column_name)