

#### MysqL List of Constraints in MySQL

- NOT NULL
- UNIQUE
- DEFAULT
- CHECK
- FOREIGN KEY
- PRIMARY KEY

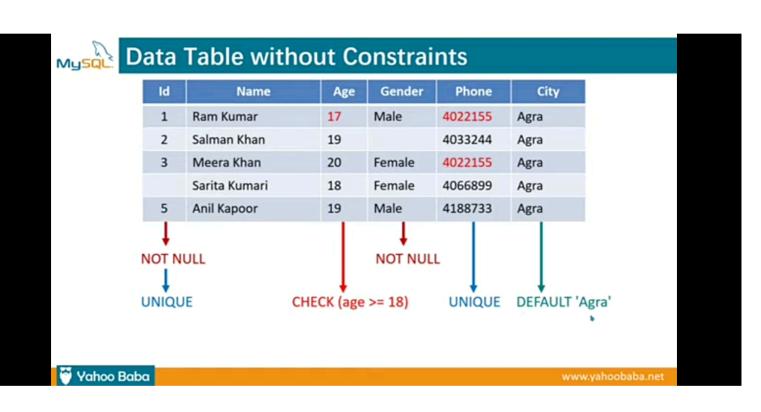




# Mysqc Data Table without Constraints

ld	Name	Age	Gender	Phone	City
1	Ram Kumar	17	Male	4022155	Agra
2	Salman Khan	19		4033244	Agra
3	Meera Khan	20	Female	4022155	Agra
	Sarita Kumari	18	Female	4066899	Agra
5	Anil Kapoor	19	Male	4188733	Agra

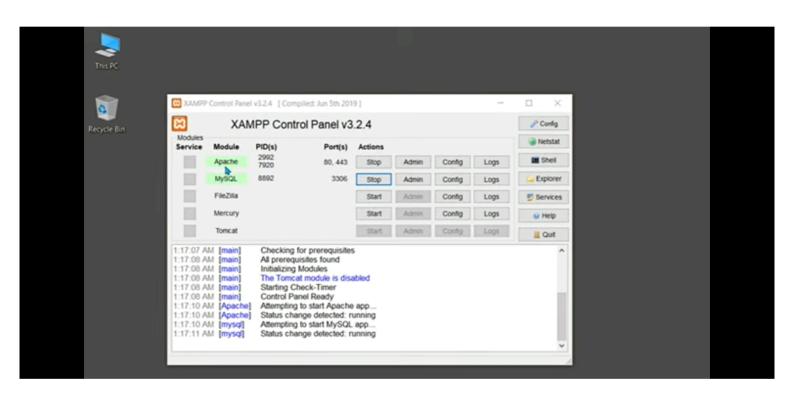
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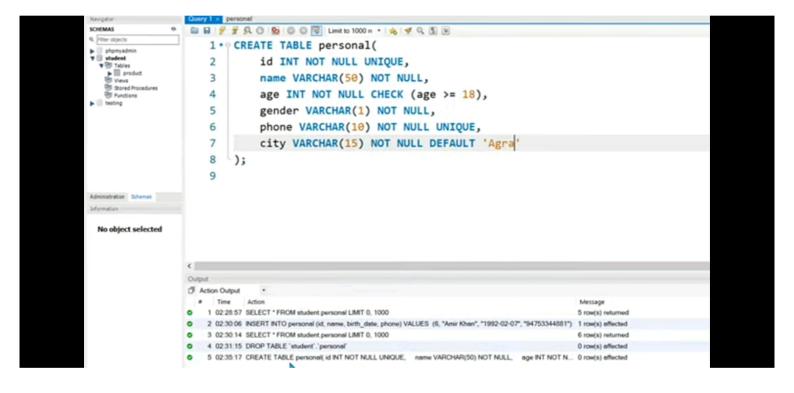


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#### Mysac Create Table Syntax

```
CREATE TABLE table_name (
 id INT NOT NULL UNIQUE,
 name VARCHAR(50) NOT NULL,
  age INT NOT NULL CHECK (age >= 18),
 gender VARCHAR(10) NOT NULL,
 phone VARCHAR(10) NOT NULL UNIQUE,
 city VARCHAR(10) NOT NULL DEFAULT 'Agra',
);
```







# How to show data from Tables with SQL?

Name	Age	Gender
Ram Kumar	19	Male
Salman Khan	22	Male
Meera Khan	21	Female
Sarita Kumari	18	Female
Anil Kapoor	22	Male

**SELECT Command** 





#### Mysac SELECT Syntax

SELECT column1, column2, column3, ....

FROM table\_name;

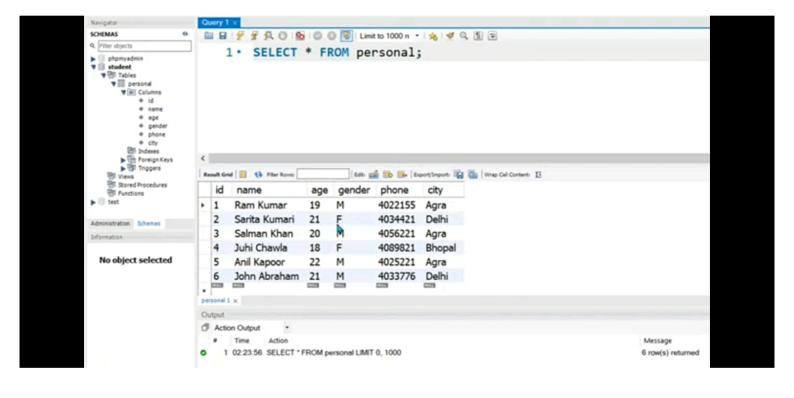


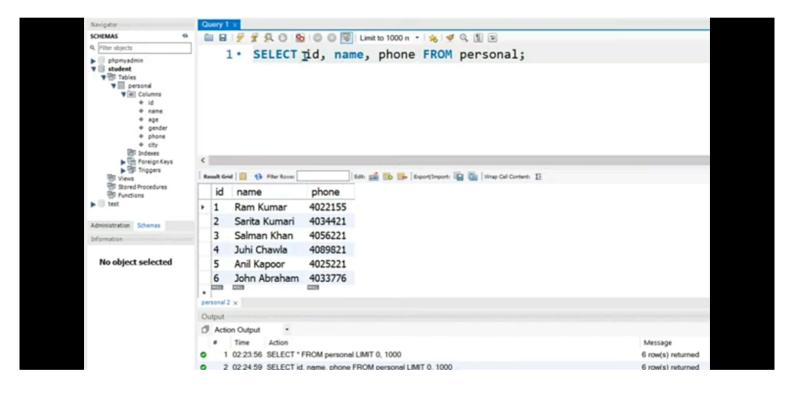
```
SELECT column1, column2, column3, ....

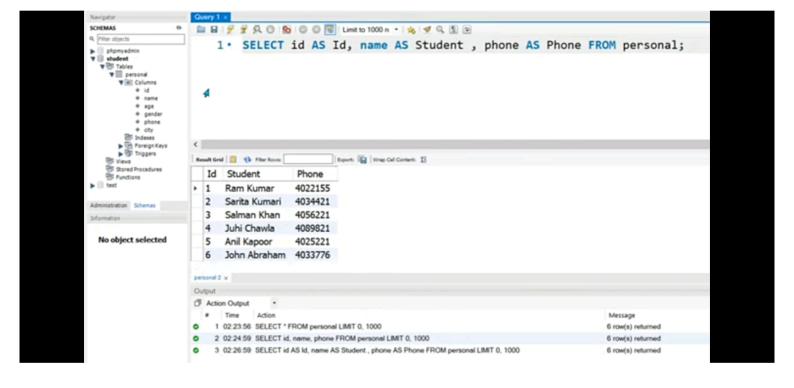
FROM table_name;

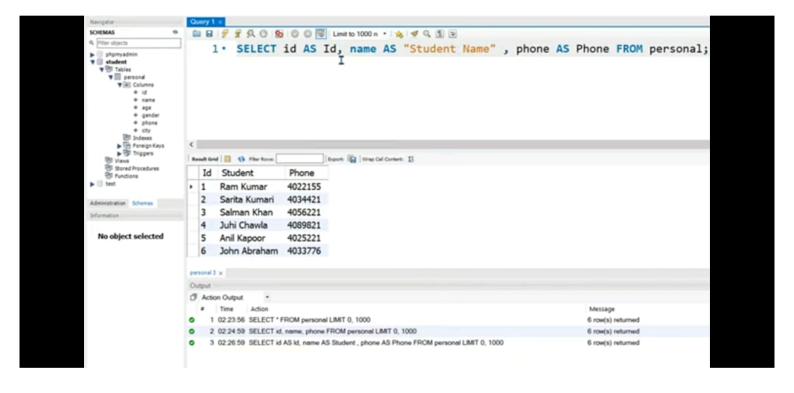
SELECT *

FROM table_name;
```











# Mysqc SELECT Data with WHERE Clause

	Age	Gender		Name	Age	Gend
Ram Kumar	19	Male	$\longrightarrow$	Meera Khan	21	Female
Salman Khan	22	Male		Sarita Kumari	18	Female
Meera Khan	21	Female		Name	Age	Gend
Sarita Kumari	18	Female		Ram Kumar	19	Male
Anil Kapoor	22	Male		Sarita Kumari	18	Female

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#### SELECT with WHERE Clause Syntax

SELECT column1, column2, column3, ....

FROM table\_name

WHERE condition;





#### SELECT with WHERE Clause Syntax

SELECT column1, column2, column3, ....

FROM table\_name

WHERE condition;



# Mysqc WHERE Comparison Operators

Operator	Description
=	Equal
>	Greater than
<	Less than
>=	Greater than or equal
<=	Less than or equal
<> Or !=	Not equal.
BETWEEN	Between a certain range
LIKE	Search for a pattern
IN	To specify multiple possible values for a column

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