

SQL COMMANDS

TO CREATE A DATABASE:- create database databasename;

EXAMPLE

```
create database school;
```

Query OK, 1 row affected (0.01 sec)

TO SHOW HOW MANY DATA BASES ARE CREATED IN OUR SQL:- show databases;

EXAMPLE

```
show databases;
+-----+
| Database |
+-----+
| information_schema |
| books              |
| college            |
| dbtest2            |
| employees          |
| flipkart           |
| library            |
| mobiles            |
| mysql              |
| names              |
| performance_schema |
| publishing_company |
| software_company   |
| srinath            |
| test               |
| school             |
+-----+
16 rows in set (0.05 sec)
```

USEING DATABASE :- use databasename;

EXAMPLE

```
use school;
```

Database changed

CREATE TABLE:- create table table_name (

coulmn_name 1,

coulmn_name 2,

PRIMARY KEY(--)

);

EXAMPLE

create table students (

-> id int,

-> name varchar(30),

-> grade varchar(1),

-> marks int

->);

Query OK, 0 rows affected (0.01 sec)

```
mysql> desc students;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	YES		NULL	
name	varchar(30)	YES		NULL	
grade	varchar(1)	YES		NULL	
marks	int(11)	YES		NULL	

4 rows in set (0.01 sec)

INSERT DATA INTO A TABLE:- insert into table_name (coulmnname1,2)
values (1, 'srinath'), (2, 'azay');

EXAMPLE

```
insert into students values (1, 'srinath', 'a', 92);
```

Query OK, 1 row affected (0.01 sec)

```
select * from students;
```

id	name	grade	marks
1	srinath	a	92

insert into students (id, name, grade, marks)

-> values (2, 'azay', 'b', 94);

Query OK, 1 row affected (0.01 sec)

mysql> insert into students (id, name, grade, marks)

-> values (3, 'azay', 'b', 94), (4, 'akshay', 'a', 94);

Query OK, 2 rows affected (0.01 sec)

Records: 2 Duplicates: 0 Warnings: 0

```
mysql> select * from students;
+-----+-----+-----+-----+
| id  | name  | grade | marks |
+-----+-----+-----+-----+
| 1   | srinath | a     | 92    |
| 2   | azay   | b     | 94    |
| 3   | azay   | b     | 94    |
| 4   | akshay | a     | 94    |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

"UPDATE" DATA INTO A TABLE:- update table_name set coulumn_name = 'object' where culmn_name = 'object';

update students set grade= 'a' where name= 'azay';

EXAMPLE

```
+-----+-----+-----+-----+
| id  | name  | grade | marks |
+-----+-----+-----+-----+
| 1   | srinath | a     | 92    |
| 2   | azay   | b     | 94    |
| 3   | azay   | b     | 94    |
| 3   | akshay | a     | 94    |
+-----+-----+-----+-----+
```

mysql> update students set grade= 'a' where name= 'azay';

Query OK, 2 rows affected (0.01 sec)

Rows matched: 2 Changed: 2 Warnings: 0

mysql> select * from students;

id	name	grade	marks
1	srinath	a	92
2	azay	a	94
3	azay	a	94
3	akshay	a	94

4 rows in set (0.00 sec)

"DELETE" DATA INTO A TABLE :-

EXAMPLE

select * from STUDENTS;

id	name	grade	marks
1	srinath	a	92
2	azay	a	94
3	azay	a	94
3	akshay	a	94

mysql> delete from students where id = 1;

Query OK, 1 row affected (0.01 sec)

mysql> select * from STUDENTS;

id	name	grade	marks
2	azay	a	94
3	azay	a	94
3	akshay	a	94

3 rows in set (0.00 sec)

"ALTER" IT USE TO ADD OR DELETE A COULMN ALREADY CREATED TABLE:-

EXAMPLE

```
select * from STUDENTS;
```

id	name	grade	marks
2	azay	a	94
3	azay	a	94
3	akshay	a	94

```
mysql> alter table students
```

```
-> add mobile_no int;
```

```
Query OK, 3 rows affected (0.03 sec)
```

```
Records: 3 Duplicates: 0 Warnings: 0
```

id	name	grade	marks	mobile_no
2	azay	a	94	NULL
3	azay	a	94	NULL
3	akshay	a	94	NULL

3 rows in set (0.00 sec)

"DROP" IIS DELETE THE STORED TABLE, DATABASE:-

EXAMPLE

```
select * from STUDENTS;
```

id	name	grade	marks
2	azay	a	94
3	azay	a	94
3	akshay	a	94

3 rows in set (0.00 sec)

```
mysql> drop table students;
```

```
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> select * from STUDENTS;
```

ERROR 1146 (42S02): Table 'school.students' doesn't exist

mysql> drop database school;

Query OK, 1 row affected (0.02 sec)