

```
create database students;  
use students;
```

-- DDL Commands

-- These commands are used to define, modify, or delete the structure of database objects like tables, schemas, views, etc.
-- The main DDL commands are:

-- Command	Purpose
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-- CREATE --->	To create a new table, database, view, index, etc.
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-- ALTER --->	To modify an existing table structure (add, modify, drop columns).
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-- DROP --->	To delete an entire table, view, or database permanently.
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-- TRUNCATE--->	To remove all records from a table quickly, but keep the structure for future use.
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-- RENAME --->	To change the name of a table or database object.
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```

-- 1.CREATE
create table details(
    Name varchar(20),
    Roll_No int primary key,
    Subject_Name varchar(20),
    Marks int,
    Address varchar(40)
);
select * from details;

-- 2. INSERT
insert into details(Name,Roll_No,Subject_Name,Marks,Address)
values
('Anil','101','Maths','85','Delhi'),
('Ajay','102','Science','90','Punjab'),
('Jyoti','103','English','87','Agra'),
('Aryan','104','Hindi','89','Noida'),
('Sachin','105','Maths','96','Pune');
SELECT * FROM details;

```

10 %

Results Messages

	Name	Roll_No	Subject_Name	Marks	Address
1	Anil	101	Maths	85	Delhi
2	Ajay	102	Science	90	Punjab
3	Jyoti	103	English	87	Agra
4	Aryan	104	Hindi	89	Noida
5	Sachin	105	Maths	96	Pune

```
-- 3. ALTER
```

```
alter table details add Phone bigint;
```

```
select* from details;
```

10 %

Results Messages

	Name	Roll_No	Subject_Name	Marks	Address	Phone
1	Anil	101	Maths	85	Delhi	NULL
2	Ajay	102	Science	90	Punjab	NULL
3	Jyoti	103	English	87	Agra	NULL
4	Aryan	104	Hindi	89	Noida	NULL
5	Sachin	105	Maths	96	Pune	NULL

```
-- 4. TRUNCATE
```

```
truncate table details;
```

```
= select * from details; -- Data from the the table is deleted
```

Results

Messages

Name	Roll_No	Subject_Name	Marks	Address	Phone
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```
-- 5. DROP
drop table details;
select * from details;-- Table details has been dropped permanently using drop.
```

%

Messages

Msg 3701, Level 11, State 5, Line 65
Cannot drop the table 'details', because it does not exist or you do not have permission.

Completion time: 2025-04-27T01:27:55.6236919+05:30