

DATA DEFINITION LANGUAGE(DDL)

SQL_QUERY:

```
--create database DBMS;  
--use DBMS;
```

```
create table STUDENT(stud_id int primary key,name varchar(20),city  
varchar(20),college_name varchar(30));  
create table EMPLOYEE(e_id int primary key,name varchar(30),email  
varchar(40),city varchar(30));
```

```
insert into EMPLOYEE values(101,'KARTHIK','KARTHIK@SSN.IN','CHENNAI')  
insert into EMPLOYEE values(102,'MANI','MANI@SSN.IN','MUMBAI');  
select * from EMPLOYEE;
```

```
alter table EMPLOYEE drop column city;  
alter table STUDENT add age integer;  
alter table STUDENT  
alter column city varchar(25)
```

```
sp_help EMPLOYEE;
```

```
drop table STUDENT;
```

```
TRUNCATE table EMPLOYEE;
```

1.CREATE

create is used to create the database or its objects. This command is used to create a table. In my data database I have created two tables one named 'STUDENT' and another table named 'EMPLOYEE'.

SYNTAX:

```
create table table-name(attribute-name attribute-type pair)
```

SQL_QUERY:

```
create table STUDENT(stud_id int primary key,name varchar(20),city  
varchar(20),college_name varchar(30));
```

```
create table EMPLOYEE(e_id int primary key,name varchar(30),email  
varchar(40),city varchar(30));
```

2.DROP

Drop is used to delete objects from the database. this command is used to delete the entire table. in this i have 2 tables and I am going to delete one of my tables. drop is used to destroy a whole database or a table.

SYNTAX:

```
drop table table-name;
```

SQL_QUERY:

```
drop table STUDENT;
```

3.ALTER:

Alter is used to alter the structure of the database.

SYNTAX:

```
alter table table-name drop column attribute-name;
```

SQL_QUERY:

```
alter table EMPLOYEE drop column city;  
alter table STUDENT add age integer;  
alter table STUDENT  
alter column city varchar(25)
```

4.TRUNCATE

Truncate is used to remove all records from a table, including all spaces allocated for the records are removed.

SYNTAX:

```
TRUNCATE table table-name;
```

SQL_QUERY:

```
TRUNCATE table EMPLOYEE;
```