--SQL statements

--There are four types of SQL statements

--1.DDL(Data Defination lamguage) -- Table level operation.

--2.DML(Data Manipulation Language) --Data stored inside the table

--3.DCL(Data Control Language)

--4.TCL(Transction Control Language)

--1.DDL(Data Defination lamguage)

--These statements are basically used to perform structure related operation w.r.to table.

--Create,Drop,Truncate,Alter,Rename (Dr.CAT)

--Create

--This Is DDL SQL statement and used to create database and Table.

--Q.How to create Database ?

Create database Testing20

--Q.How to select or Navigate to a particular database?

--By using USE keyword and database name

use Testing20

--Just go to top scroll bar and click on down arrow and select your database

--Q.How to create Table?

Create table FirstTable(

FID int,

FirstName varchar(20),

LastName varchar(20),

City varchar(20),

Age int);

--In SQL if you want to terminate SQL statement then use ; at the end of statement.

--2.DML(Data Manipulation Language)

--These statements are used to operate the data stored inside into the table.

--DML statements are used to play with table data.

--below are the diffrent statements

--SELECT,INSERT,UPDATE,DELETE (S\_UID)

--SELECT

--Select statement is used to select the data which you have written

--This is DML statement and used to fetch the records from table.

select 88888

select 'Scodeen Global'

select scodeen --Exception/Error -Invalid column name 'scodeen'.

--Q.How to fetch the complete data from a table?

select \* from FirstTable;

--Q.how to select a particular column from table?

select firstname,age from FirstTable

--\* - it will indicate we are selecting complete data from table

--Q.How will you insert the data into the table?

--INSERT

--Insert Statement is used to insert the data into the table.

--By two ways we can insert the data into the table

--METHOD-I

--We have to insert the data sequence wise how we have created the table

insert into FirstTable values(1,'Praveen','Patil','Pune',30);

insert into FirstTable values(1,'Praveen','Patil','Pune'); --Erorr -Column name or number of supplied values does not match table definition.

select \* from FirstTable

--METHOD-II

--We dont have restrictions to insert the data as per column sequence defined in table.

--While inserting the data we have to mention column names in insert statement.

insert into FirstTable (FID,FirstName) values (2,'Amit')

insert into FirstTable (FirstName,FID,Age,LastName) values ('Puneet',3,24,'sharma');

insert into FirstTable (Age,FID,FirstName,LastName) values (35,4,'Puskar','Verma')

insert into FirstTable (Age,FID,FirstName,LastName) values (27,5,'Meena','Patil')

select \* from FirstTable