use databasename; this command is use to move inside particular database.

use sys;

show tables; this command is use to view all table name present in particular or sys database.

Command to create new database

create database databasename;

create database isbm\_db; this command is use to create the database.

use isbm\_db; it is use to move inside an isbm\_db database.

DDL

Name of the table student

Sid it hold number value.

Sname it can hold alphanumerical value

Age number type

Date of birth must be date type

Syntax

create table tableName(columnName datatype, columnName datatype, columeName datatype…….);

int 🡪 it allow to store number without decimal

float 🡪 it allow to store number with decimal

varchar(numberOfCharcter)-> it allow to store name or messages maximum size base up number of character we provided. String value.

date : it allow to store date information by default yyyy-mm-dd format.

create table student(sid int, sname varchar(25), age int, dob date);

desc tablename; display the table structure

Insert Query

Syntax

Insert into tableName values(v1,v2,v3,v4);

insert into student values(1,’Raj’,21,’1990-05-30’);

insert into student values(4,’Ajay’,26) we will get the error

insert into student values(4,’Ajay’,26,null);

insert into student values(5,’Balaji’,null,null);

To view the records from a table we need to use DRL or DQL

If we want to view all records from a table

Syntax

select \* from tableName; display all column as well as all records from a table.

select \* from student;

drop command : this command is use to remove table as well as all records present in that table.

drop table tableName;

if we want to view particular column or few columns but not all column then we can use below command.

Select columnName,columnName,columname from tableName;

select sname,dob from student;

Column alias : it use to display meaning full name for the column while display. This name only use for temporary purpose.

select sname as student\_name, dob as student\_date\_of\_birth from student;

select sname as "student name", dob as "student date of birth" from student;