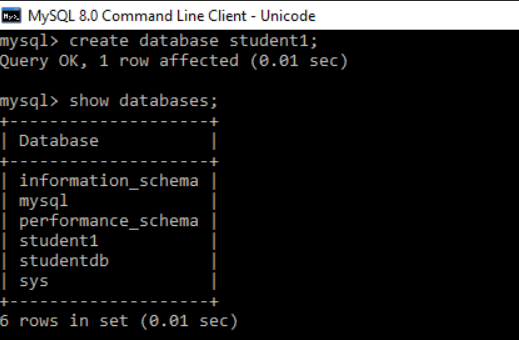
Introduction to SQL

1. Creation of database:

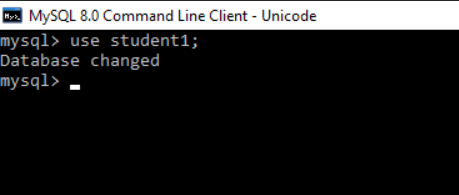
Create database database\_name;

Ex: create database student1;



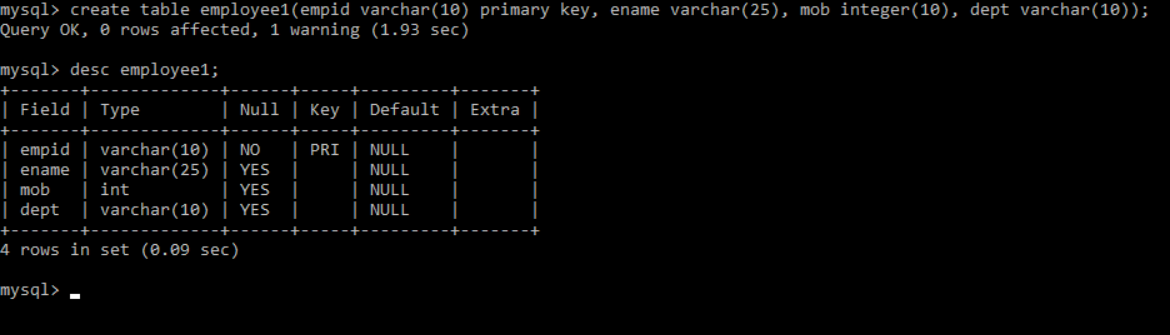
1. To use the database:

use student1;



**Data Definition Language:**

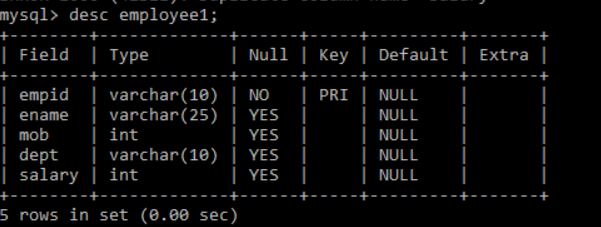
1. Create: is used to create the table.



1. Alter: is used to add columns to existing column.

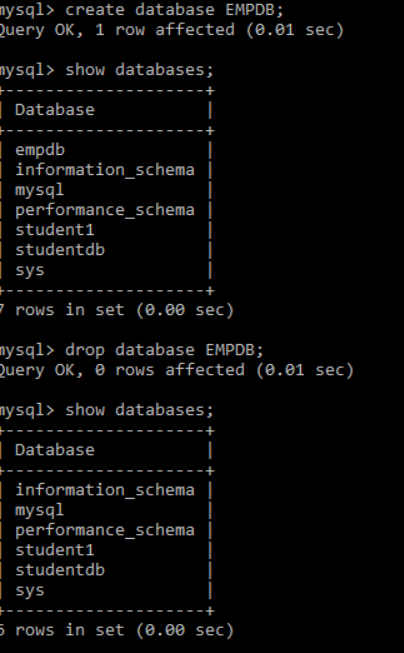
In this example salary is added to the employee1 table using alter command.



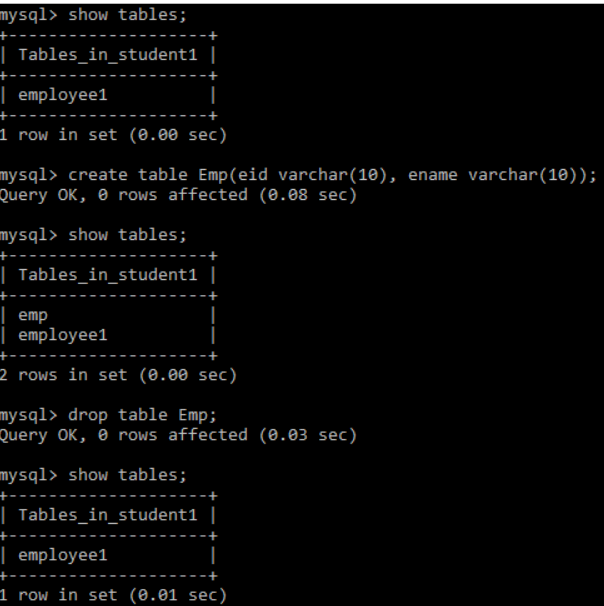


1. drop: This is used to delete complete table or database.

->Droping database

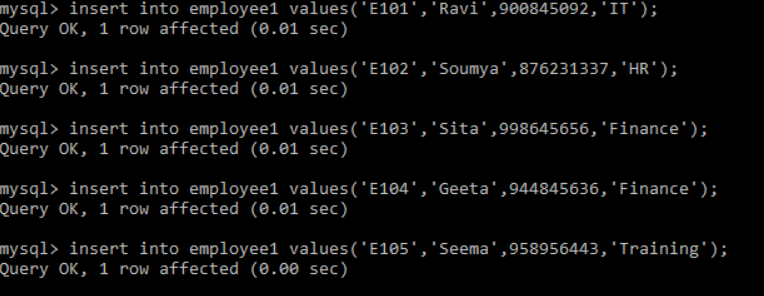


->Droping tables:

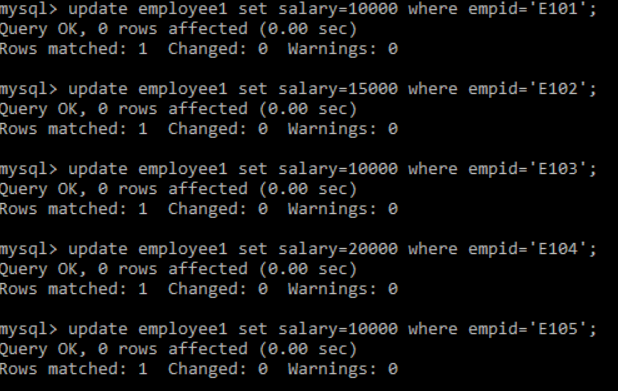


**Data Manipulation Language:**

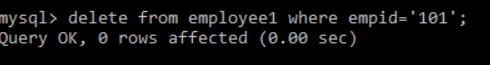
1. Insert: is to inserting the values into table:



1. Update: is used to update the value.

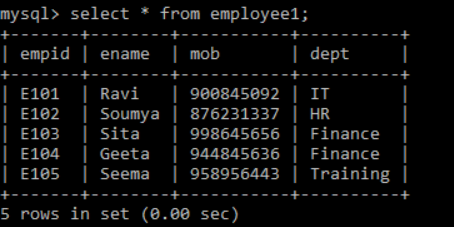


1. Delete: Is used to delete existing record from table.



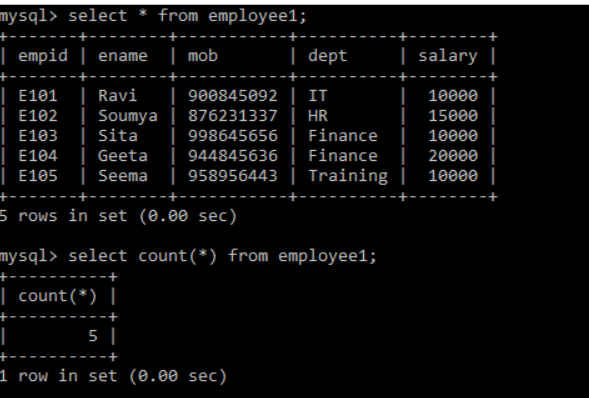
**Data Query Language**

1. Select: is used for select the tables.

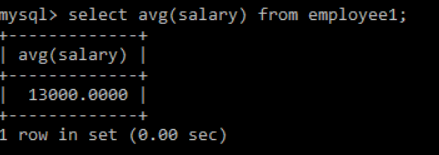


**Aggregate Functions**

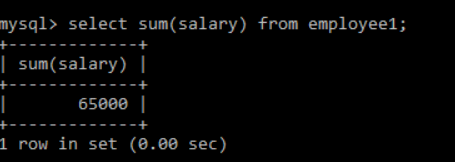
1. Count()



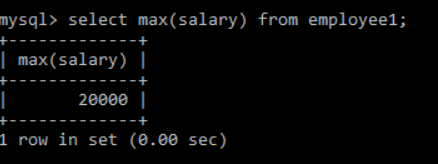
1. Avg()



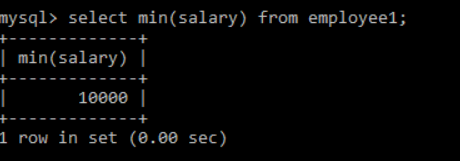
1. Sum()



1. Max()

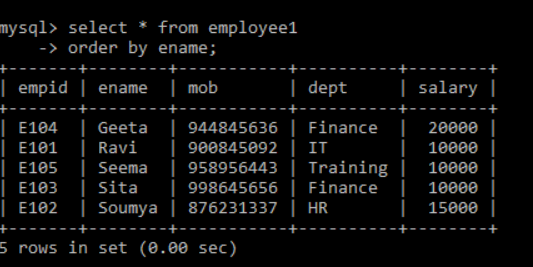


1. Min()

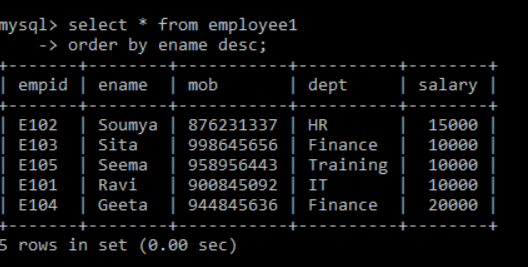


**Order By**: is used to sort the result in ascending or descending order.

->Ascending Order(by default)



->Descending Order



**Group by:** It groups rows that have same values into summary rows.

