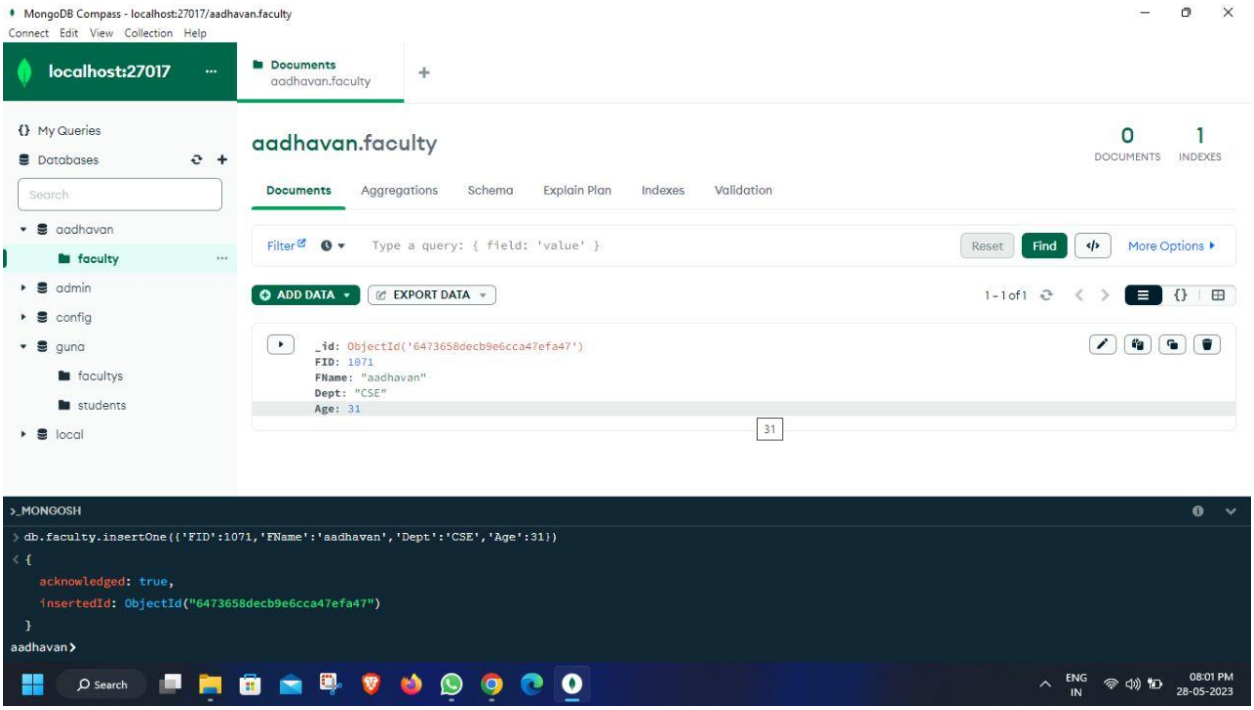
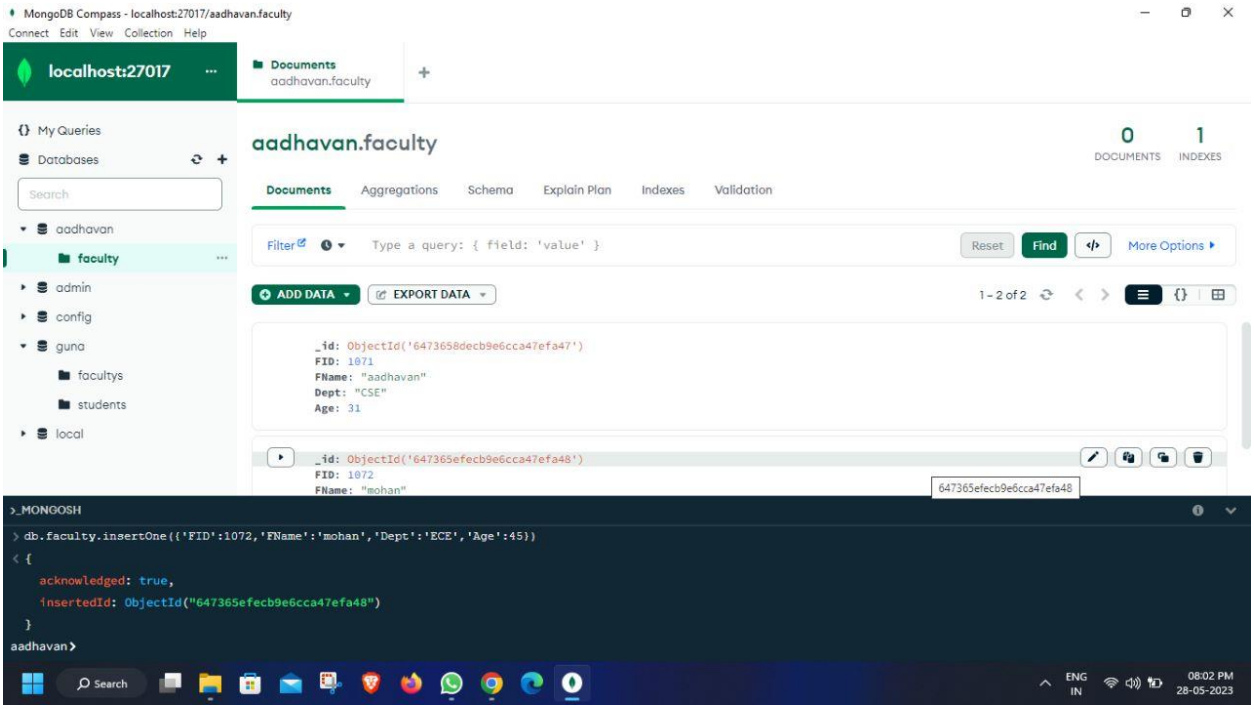
Insert data in Mongo:

db.faculty.insertOne({'FID':1071,'FName':'aadhavan','Dept':'CSE','Age':31})

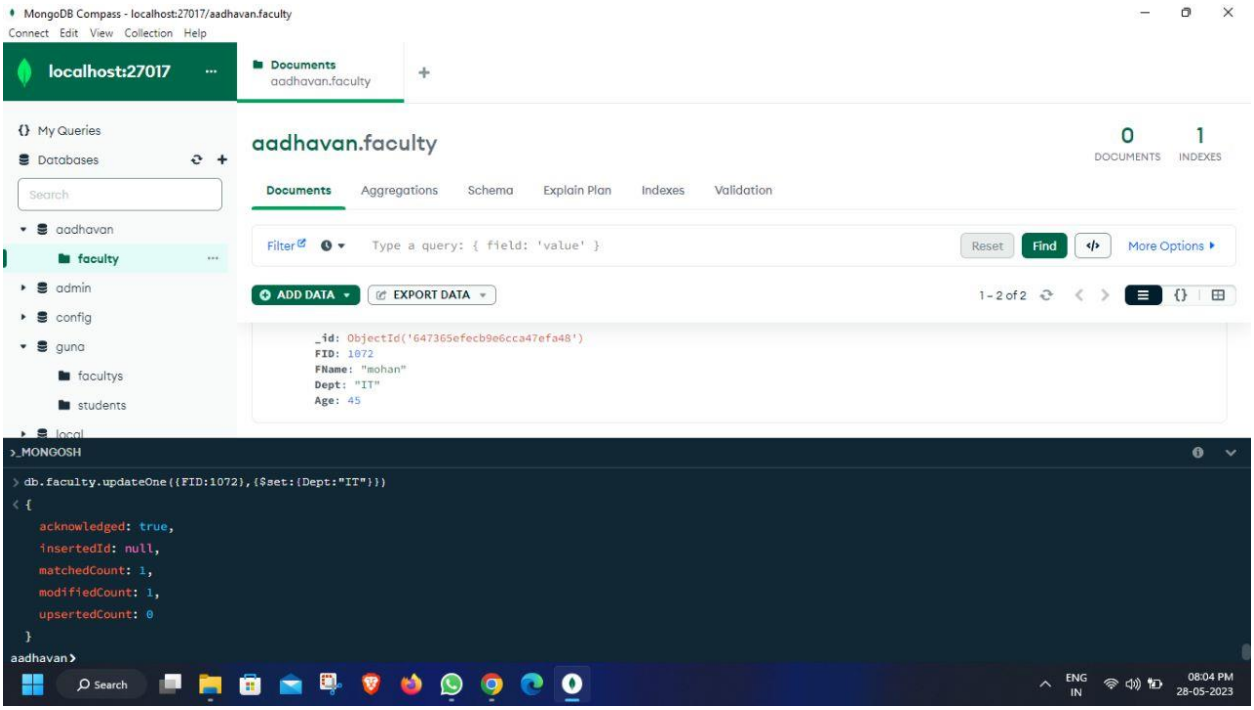


db.faculty.insertOne({'FID':1072,'FName':'mohan','Dept':'ECE','Age':45})



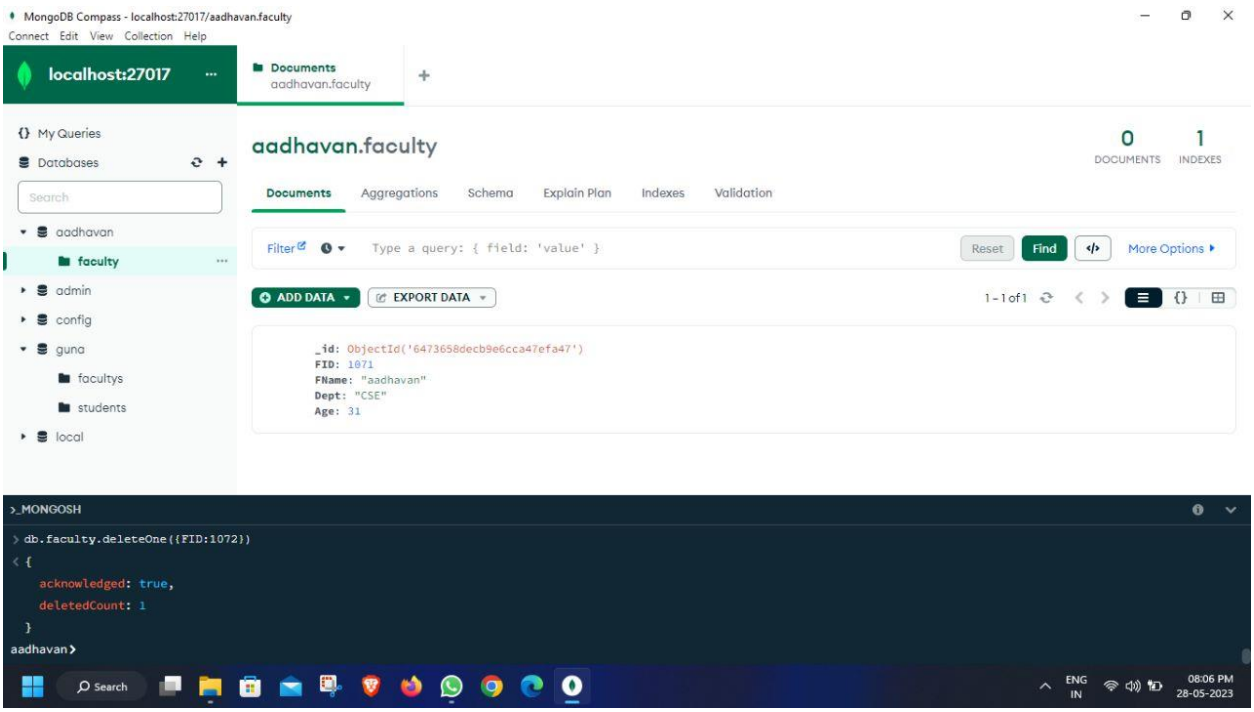
Update data:

db.faculty.updateOne({FID:1072},{$set:{Dept:"IT"}})



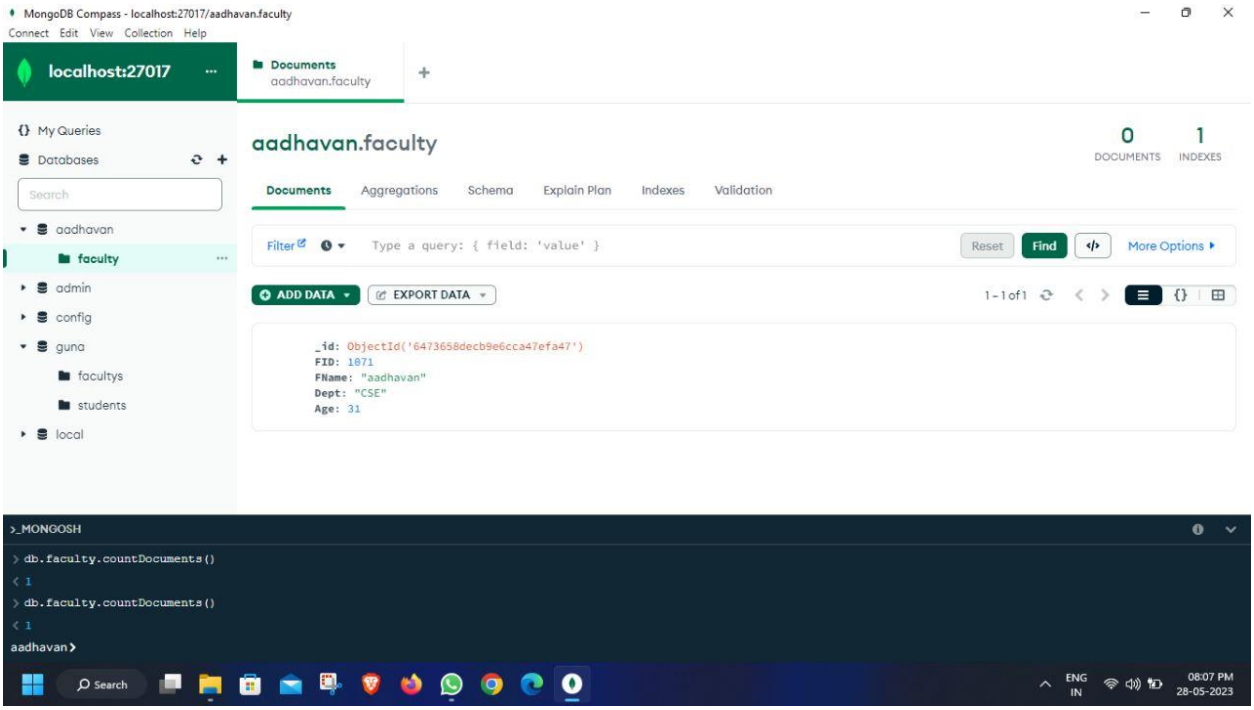
Delete data:

db.faculty.deleteOne({FID:1072})

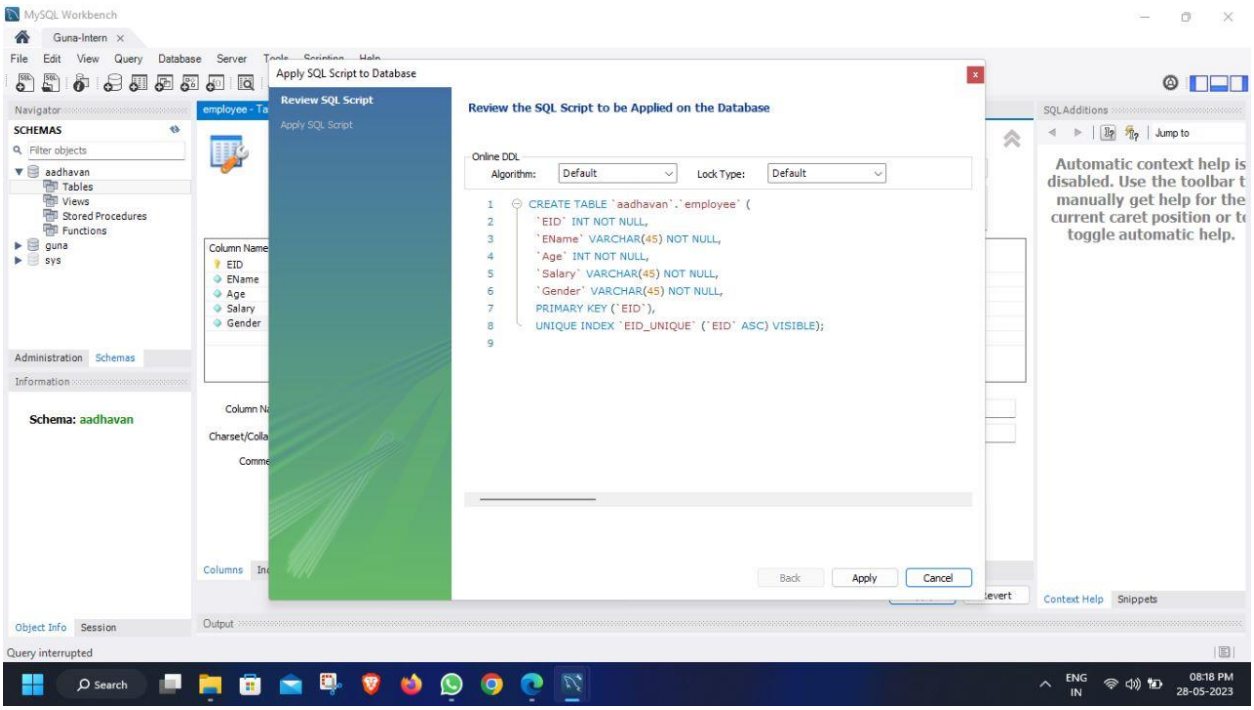


count documents in database:

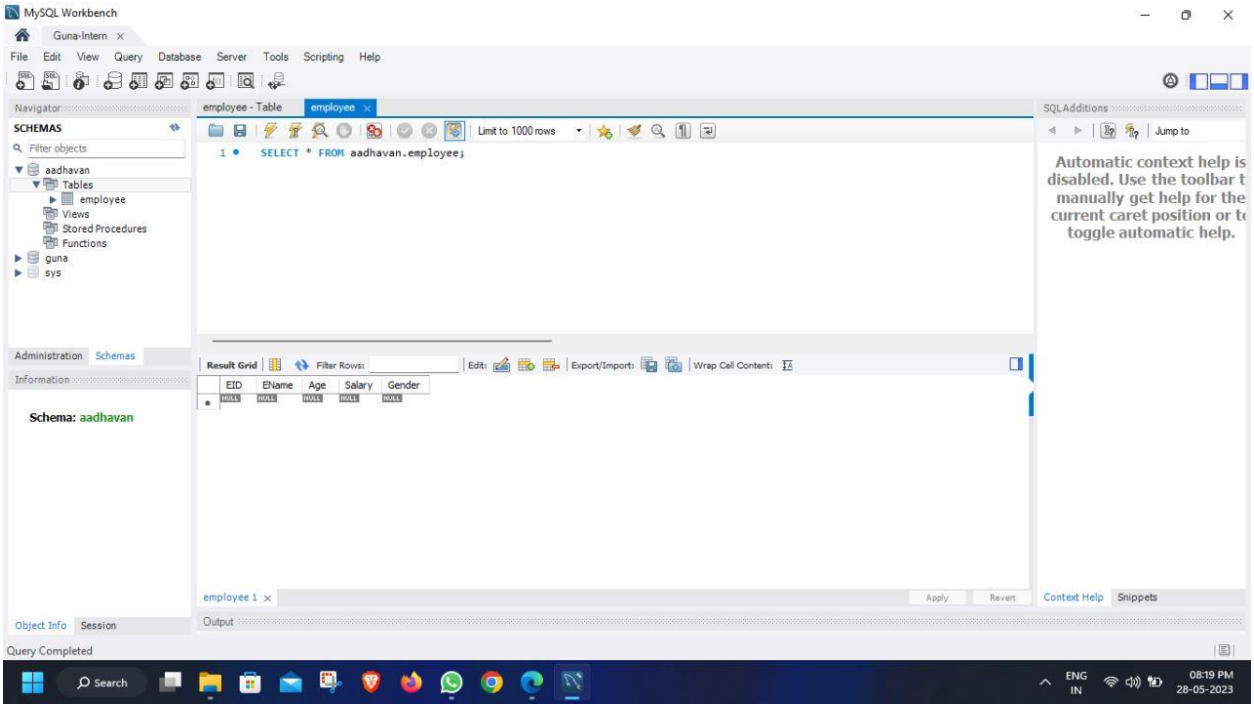
db.faculty.countDocuments()



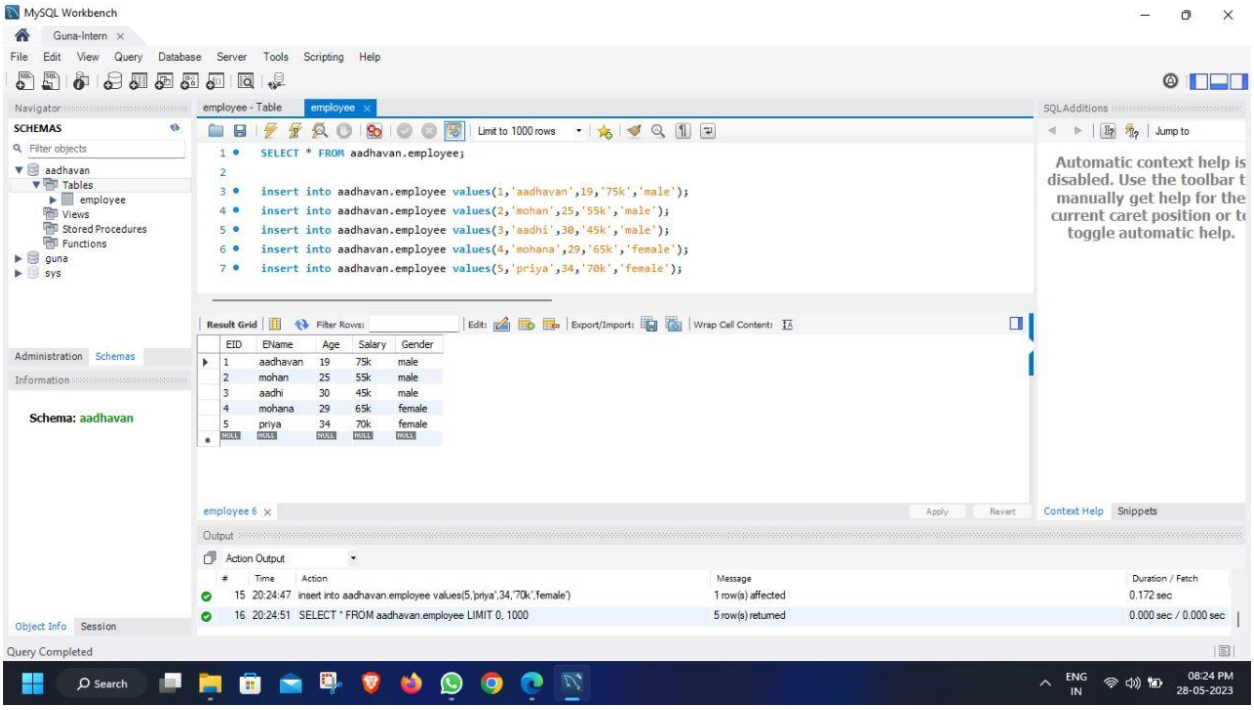
create database in MySQL:



```
CREATE TABLE `aadhavan`.`employee` (
  `EID` INT NOT NULL,
  `EName` VARCHAR(45) NOT NULL,
  `Age` INT NOT NULL,
  `Salary` VARCHAR(45) NOT NULL,
  `Gender` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`EID`),
  UNIQUE INDEX `EID_UNIQUE` (`EID` ASC) VISIBLE);
```



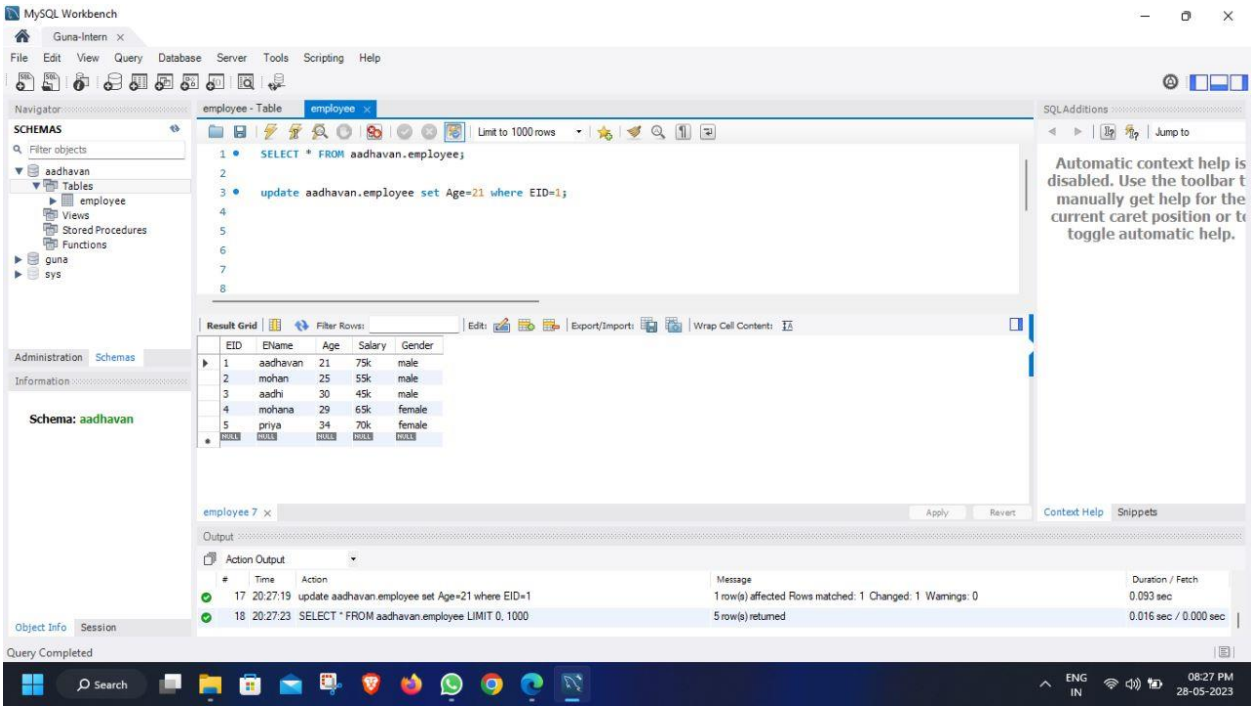
Insert values:




```
insert into aadhavan.employee values(1,'aadhavan',19,'75k','male');

insert into aadhavan.employee values(2,'mohan',25,'55k','male');

insert into aadhavan.employee values(3,'aadhi',30,'45k','male');

insert into aadhavan.employee values(4,'mohana',29,'65k','female');

insert into aadhavan.employee values(5,'priya',34,'70k','female');
```

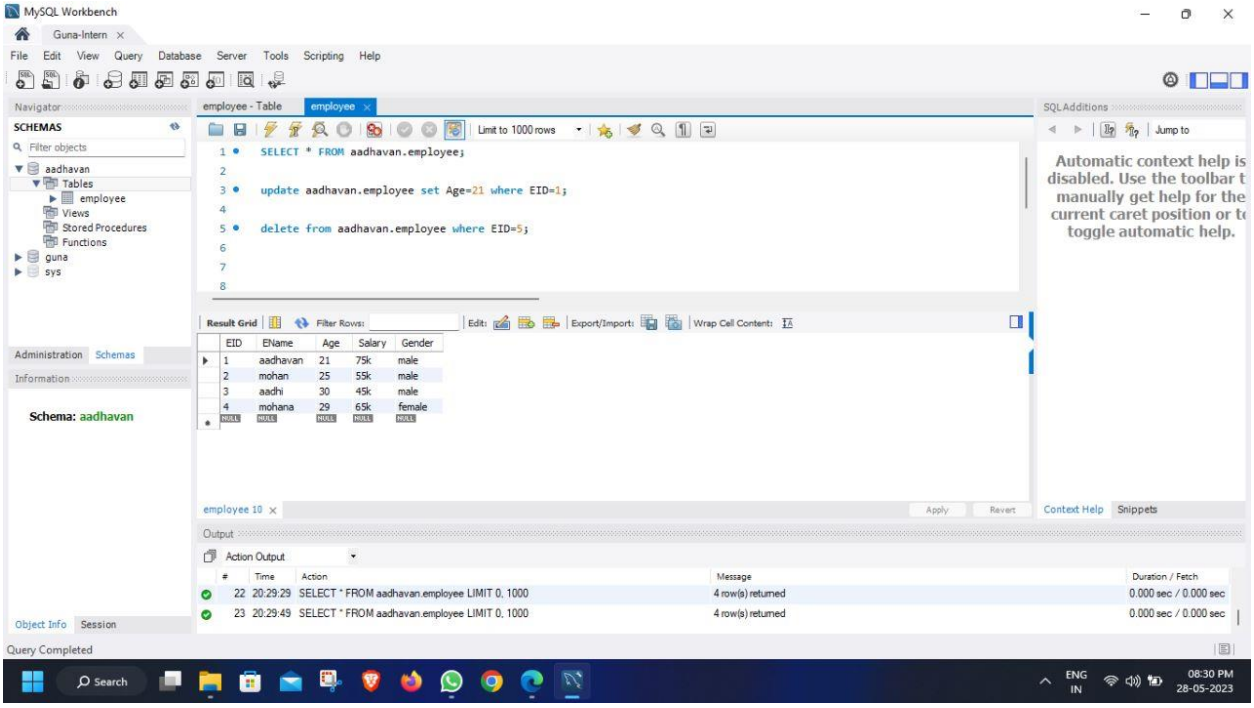
Update values:

update aadhavan.employee set Age=21 where EID=1;



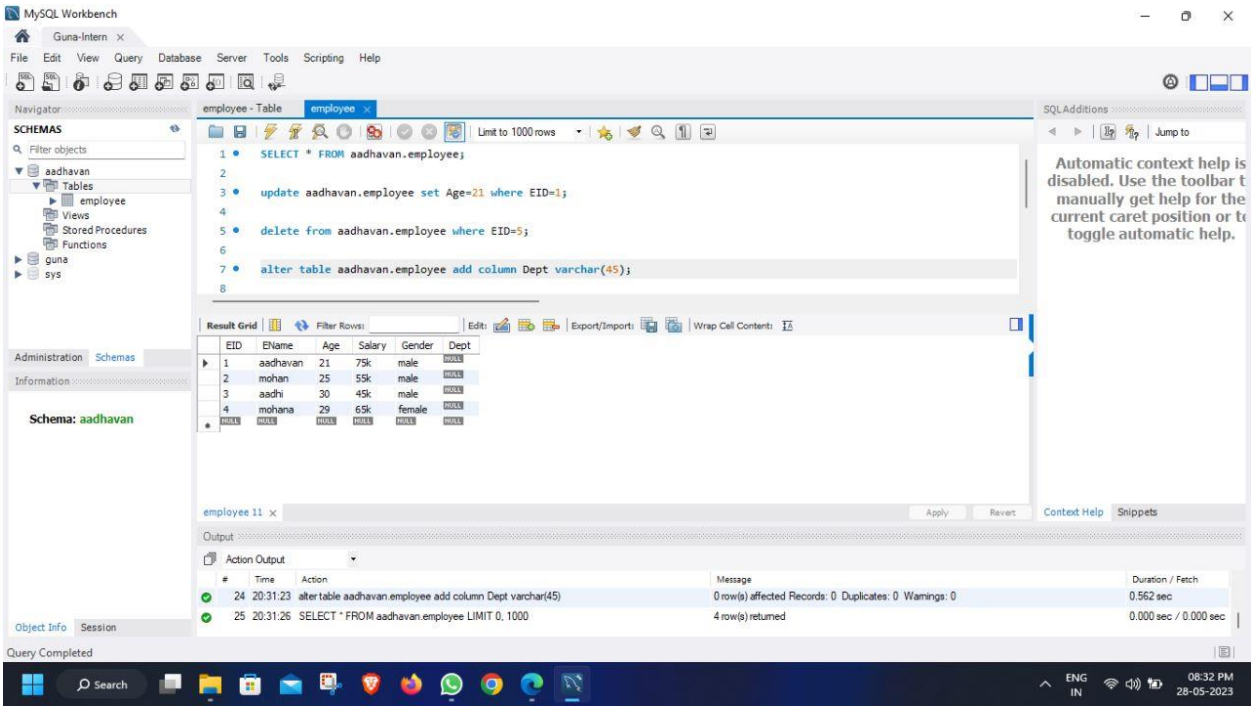
Delete data

delete from aadhavan.employee where EID=5;



Alter table

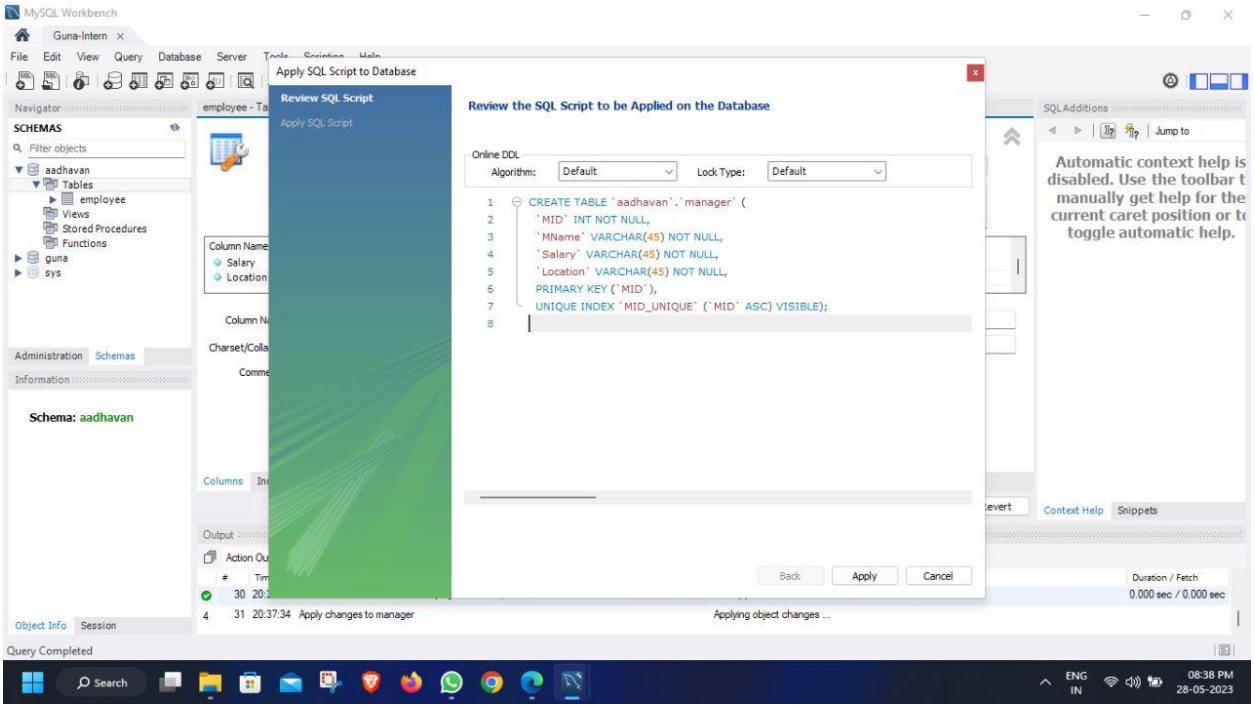
alter table aadhavan.employee add column Dept varchar(45);

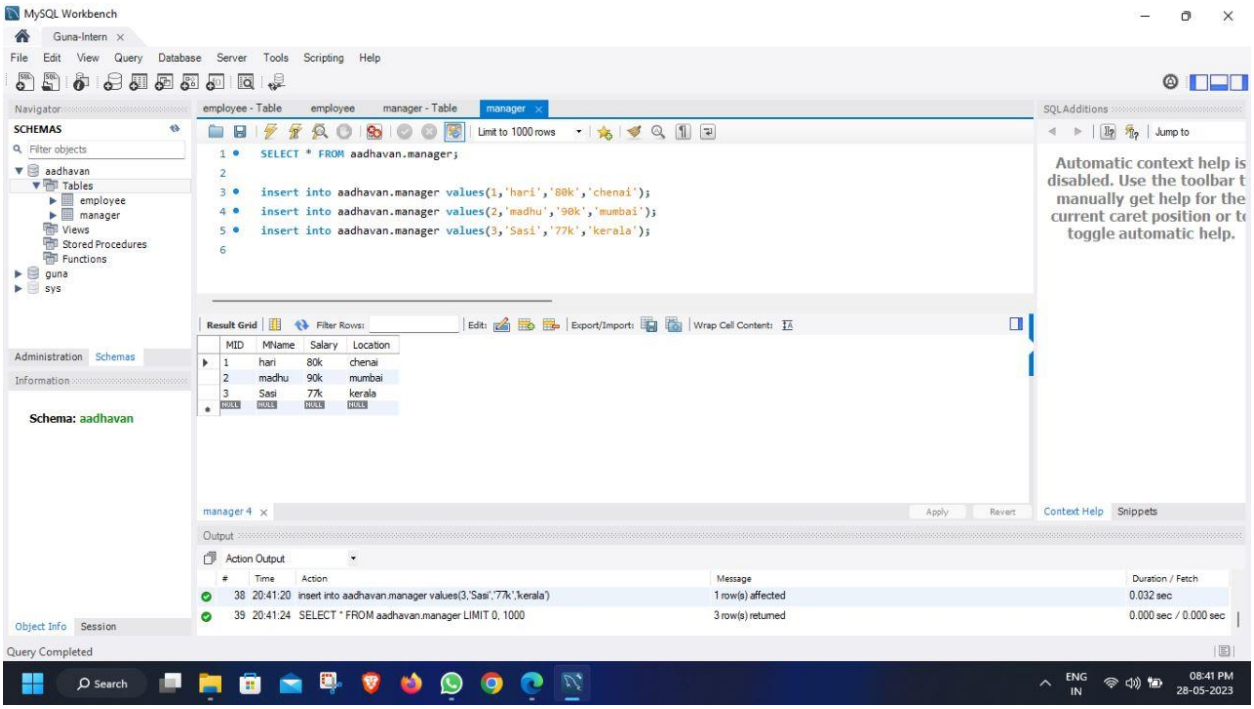


2.joins

New table:

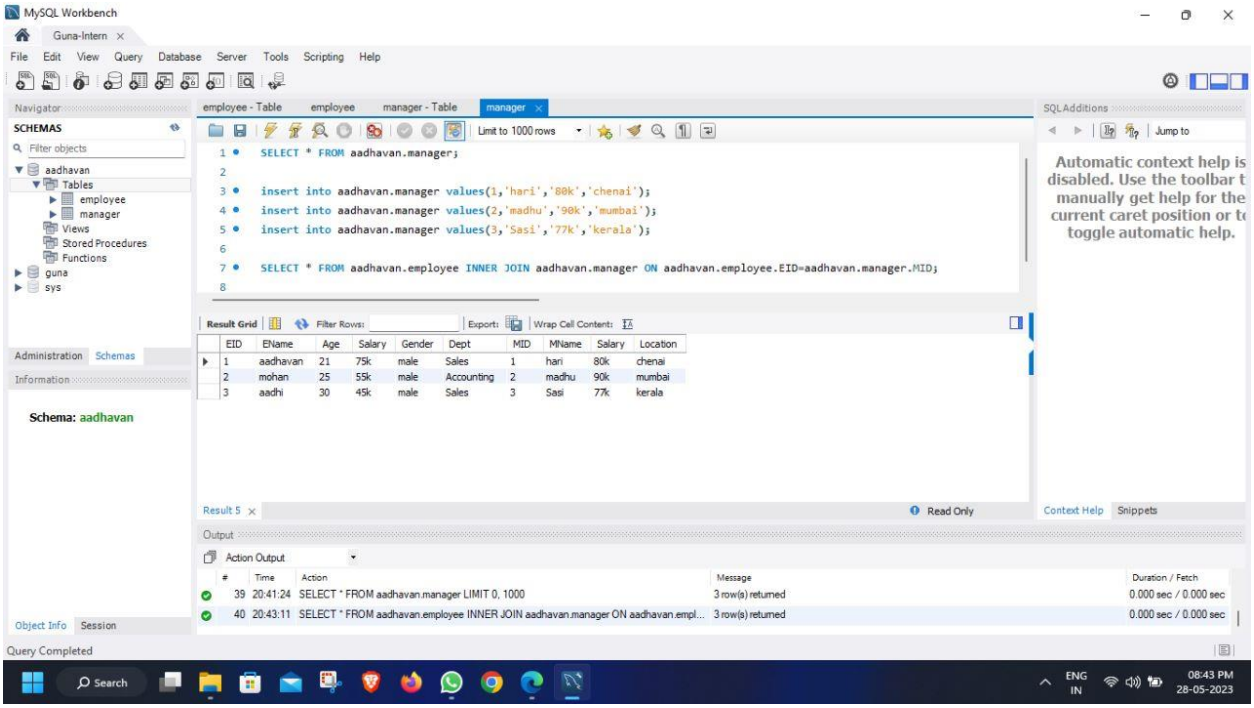
```
CREATE TABLE `aadhavan`.`manager` (
  `MID` INT NOT NULL,
  `MName` VARCHAR(45) NOT NULL,
  `Salary` VARCHAR(45) NOT NULL,
  `Location` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`MID`),
  UNIQUE INDEX `MID_UNIQUE` (`MID` ASC) VISIBLE);
```


MySQL Workbench
Guna-Intern
File Edit View Query Database Server Tools Scripting Help
Apply SQL Script to Database
Review SQL Script
Apply SQL Script
Review the SQL Script to be Applied on the Database
Online DDL
Algorithm: Default
Lock Type: Default
1 CREATE TABLE `aadhavan`.`manager` (
2 `MID` INT NOT NULL,
3 `MName` VARCHAR(45) NOT NULL,
4 `Salary` VARCHAR(45) NOT NULL,
5 `Location` VARCHAR(45) NOT NULL,
6 PRIMARY KEY (`MID`),
7 UNIQUE INDEX `MID_UNIQUE` (`MID` ASC) VISIBLE);
8
Back
Apply
Cancel
Navigator
SCHEMAS
Filter objects
aadhavan
Tables
employee
Views
Stored Procedures
Functions
guna
sys
Administration Schemas
Information
Schema: aadhavan
Object Info Session
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
30 20:37:34 Apply changes to manager Applying object changes ... 0.000 sec / 0.000 sec
Query Completed
Search
ENG IN
08:38 PM 28-05-2023


MySQL Workbench
Guna-Intern
File Edit View Query Database Server Tools Scripting Help
employee - Table
employee
manager - Table
manager
Limit to 1000 rows
1 SELECT * FROM aadhavan.manager;
2
3 insert into aadhavan.manager values(1,'hari','80k','chenai');
4 insert into aadhavan.manager values(2,'madhu','90k','mumbai');
5 insert into aadhavan.manager values(3,'Sasi','77k','kerala');
6
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
MID MName Salary Location
1 hari 80k chenai
2 madhu 90k mumbai
3 Sasi 77k kerala
NULL NULL NULL NULL
manager 4
Apply
Revert
Navigator
SCHEMAS
Filter objects
aadhavan
Tables
employee
manager
Views
Stored Procedures
Functions
guna
sys
Administration Schemas
Information
Schema: aadhavan
Object Info Session
SQL Additions
Jump to
Automatic context help is disabled. Use the toolbar t manually get help for the current caret position or t toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
38 20:41:20 insert into aadhavan.manager values(3,'Sasi','77k','kerala') 1 row(s) affected 0.032 sec
39 20:41:24 SELECT * FROM aadhavan.manager LIMIT 0, 1000 3 row(s) returned 0.000 sec / 0.000 sec
Query Completed
Search
ENG IN
08:41 PM 28-05-2023

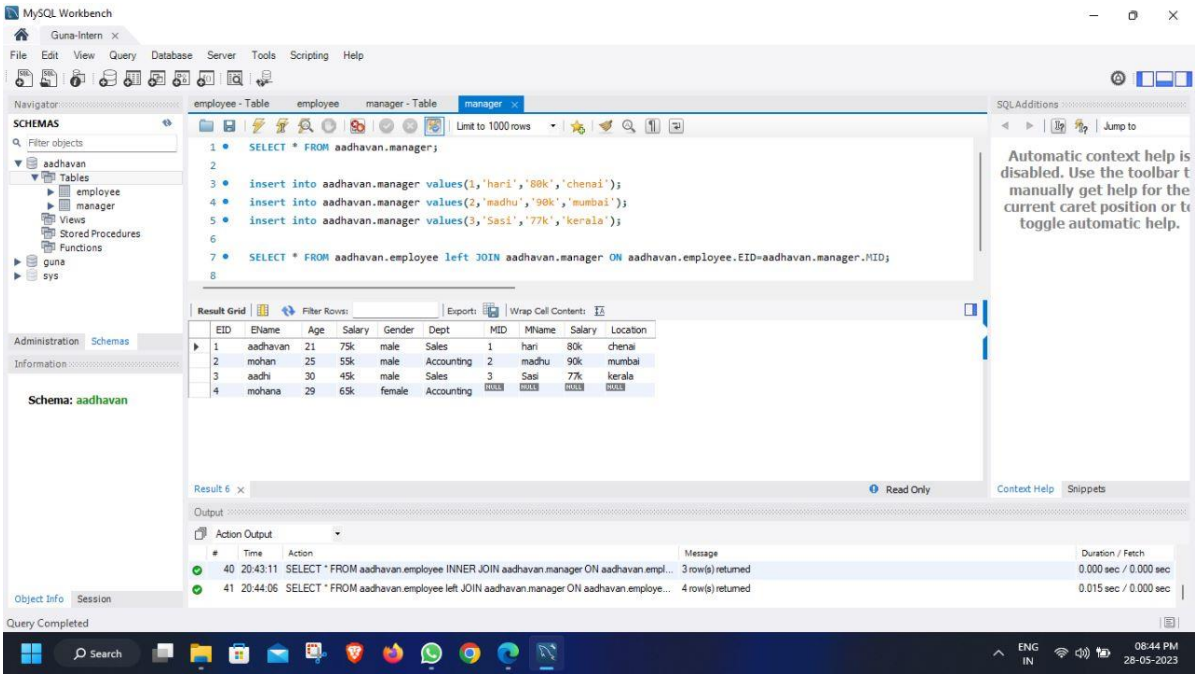
Inner join

SELECT * FROM aadhavan.employee INNER JOIN aadhavan.manager ON aadhavan.employee.EID=aadhavan.manager.MID;



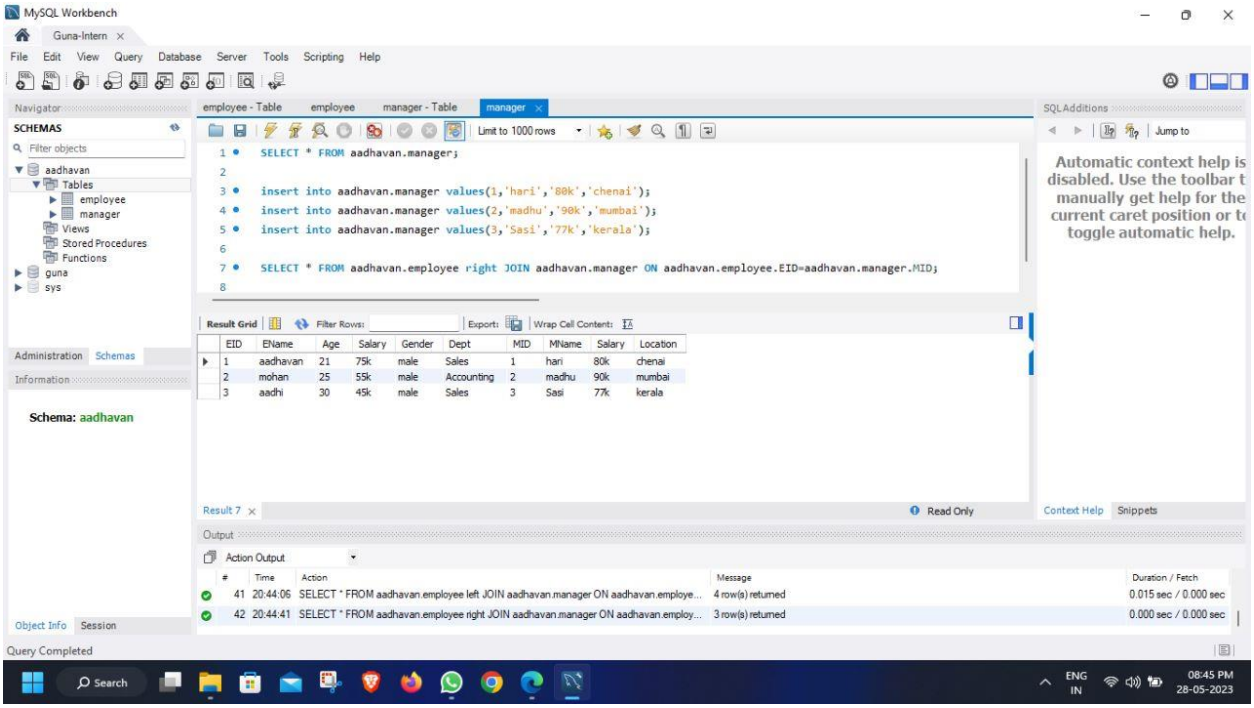
Left join

SELECT * FROM aadhavan.employee left JOIN aadhavan.manager ON aadhavan.employee.EID=aadhavan.manager.MID;



Right join

SELECT * FROM aadhavan.employee right JOIN aadhavan.manager ON aadhavan.employee.EID=aadhavan.manager.MID;



Full join:

SELECT * FROM aadhavan.employee FULL JOIN aadhavan.manager;