**MYSQL Assignment\_1**

/\***1.**create a database named company and a table named employees with the following fields:

* Id(INT,Primary key,Auto increment)
* Name(VARCHAR(100))
* Position(VARCHAR(100))
* Salary(DECIMAL(10,2))
* Date\_ of\_ joining(DATE)\*/

**Create database company;**

**Use company;**

**Create table employees(**

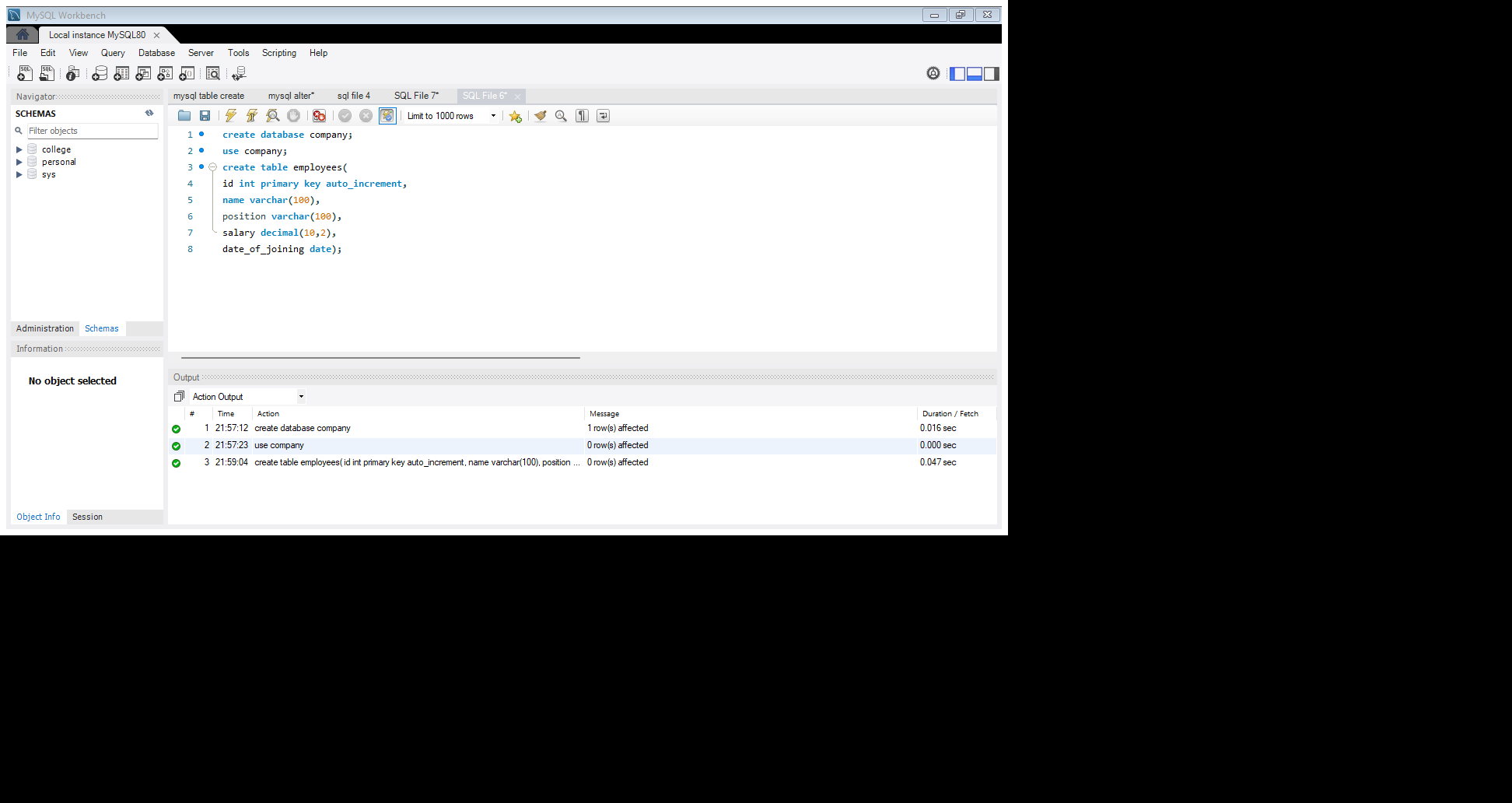
**Id int primary key auto\_increment,**

**Name varchar(100),**

**Position varchar(100),**

**Salary decimal(10,2),**

**Date\_of\_joining date);**

****

/\***2.**Insert the following data into the employees table:

* John Doe,Manager,55000.00,2020-01-15
* Jane Smith,Developer,48000.00,2019-07-10
* Alice Johnson,Designer,45000.00,2021-03-22
* Bob Brown,Developer,50000.00,2018-11-01\*/

**Insert into employees(name,position,salary,date\_of\_joining)**

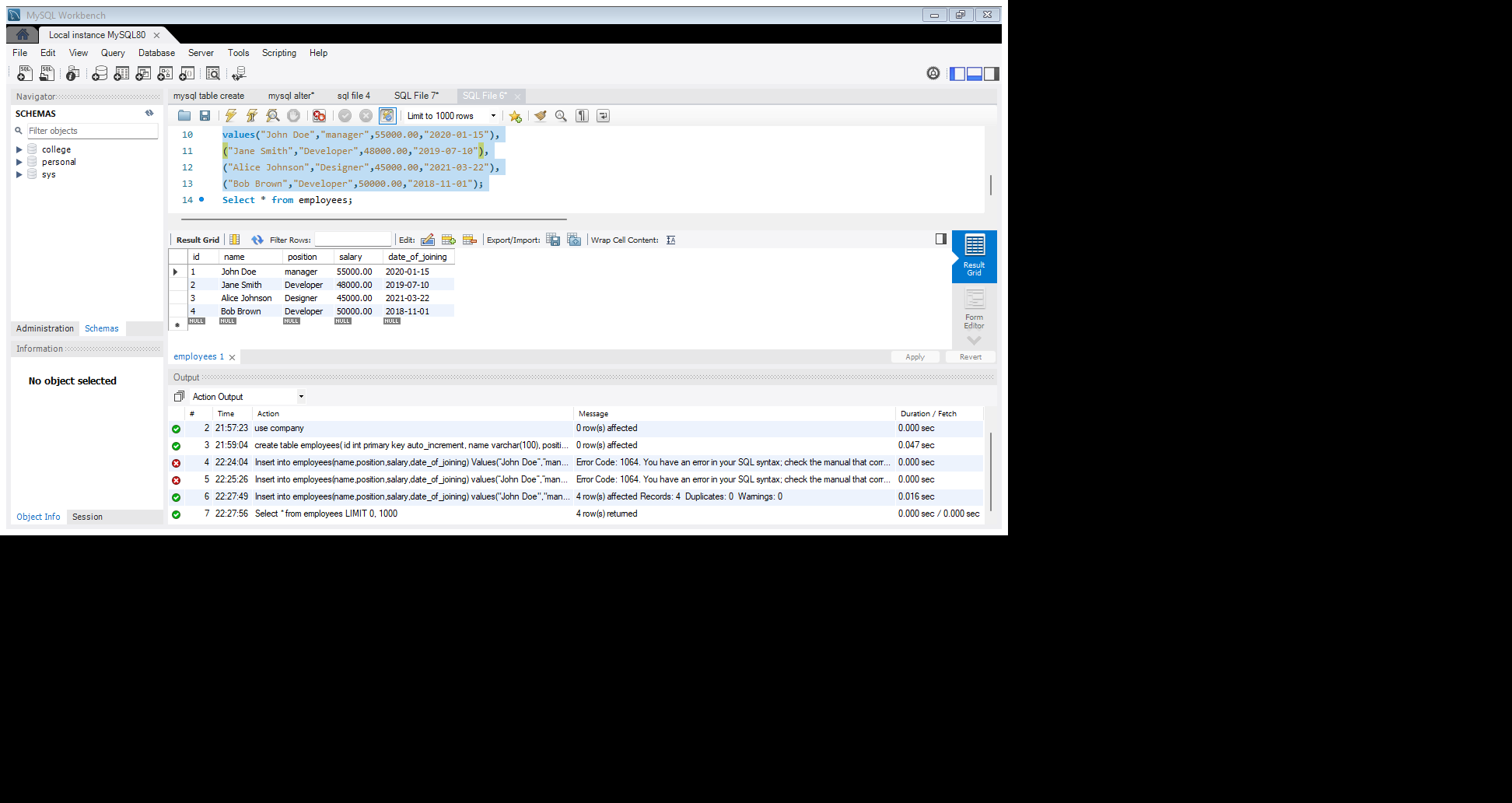
**values("John Doe","manager",55000.00,"2020-01-15"),**

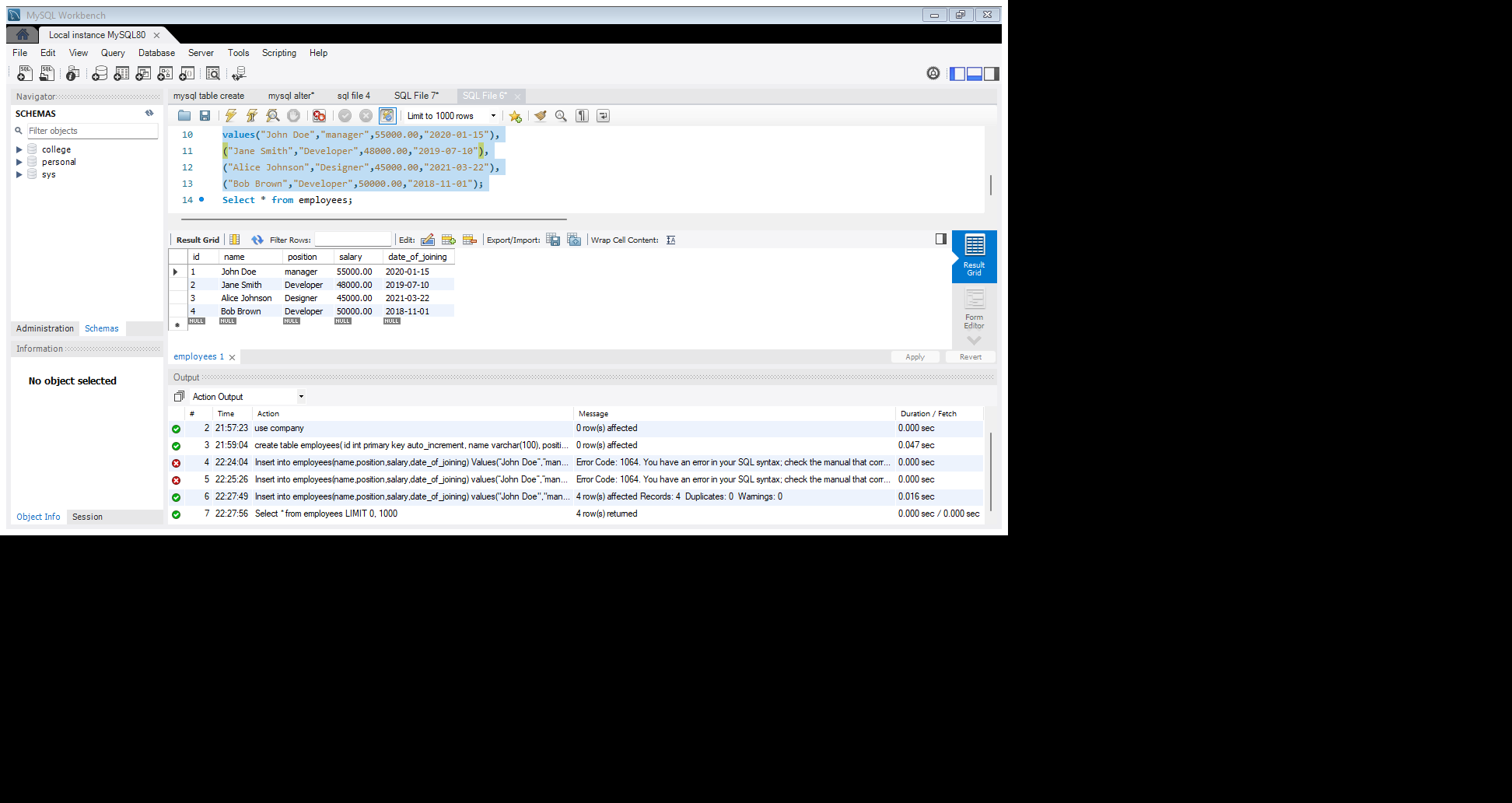
**("Jane Smith","Developer",48000.00,"2019-07-10"),**

**("Alice Johnson","Designer",45000.00,"2021-03-22"),**

**("Bob Brown","Developer",50000.00,"2018-11-01");**

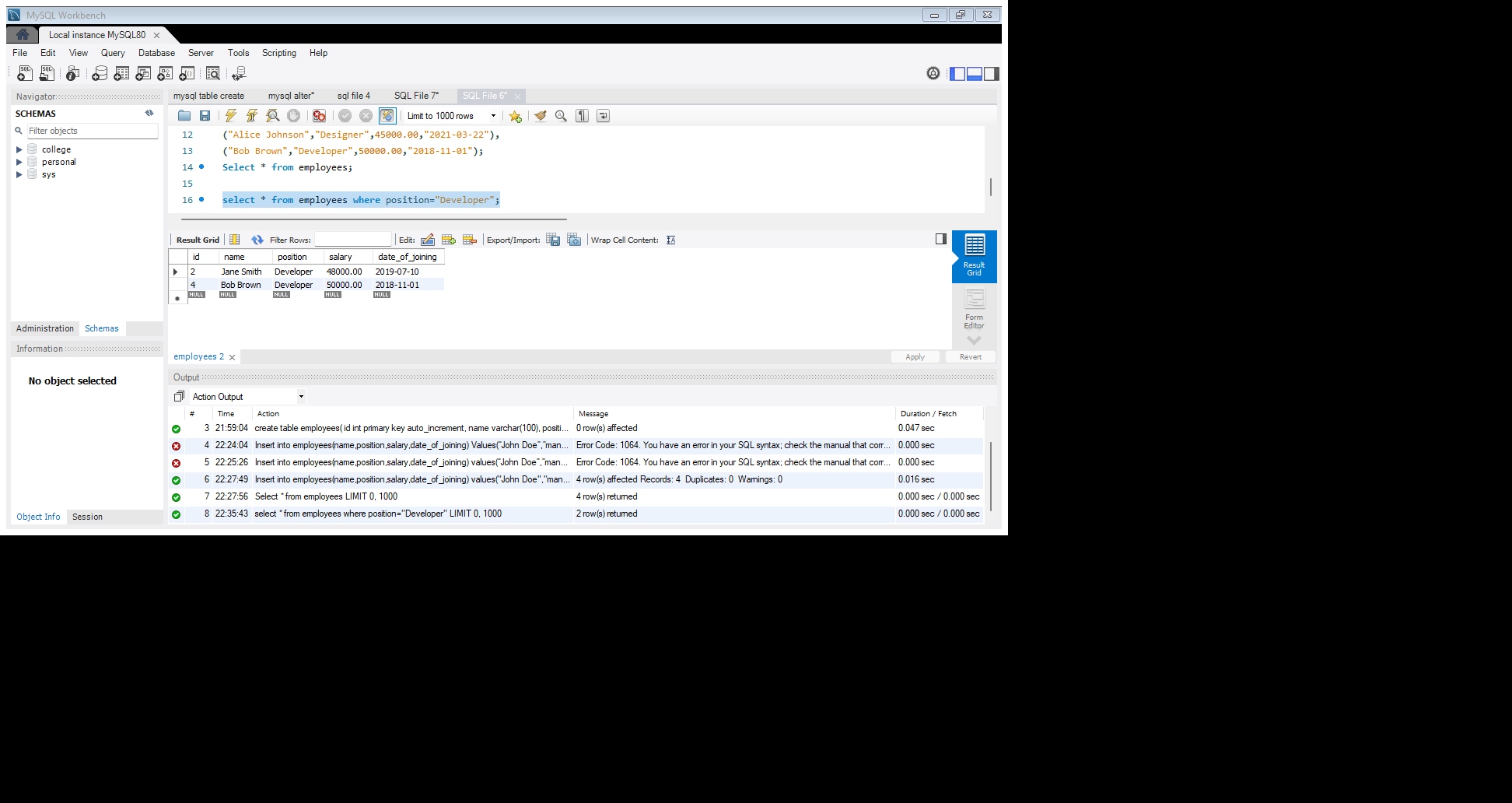
**Select\*from employees;**

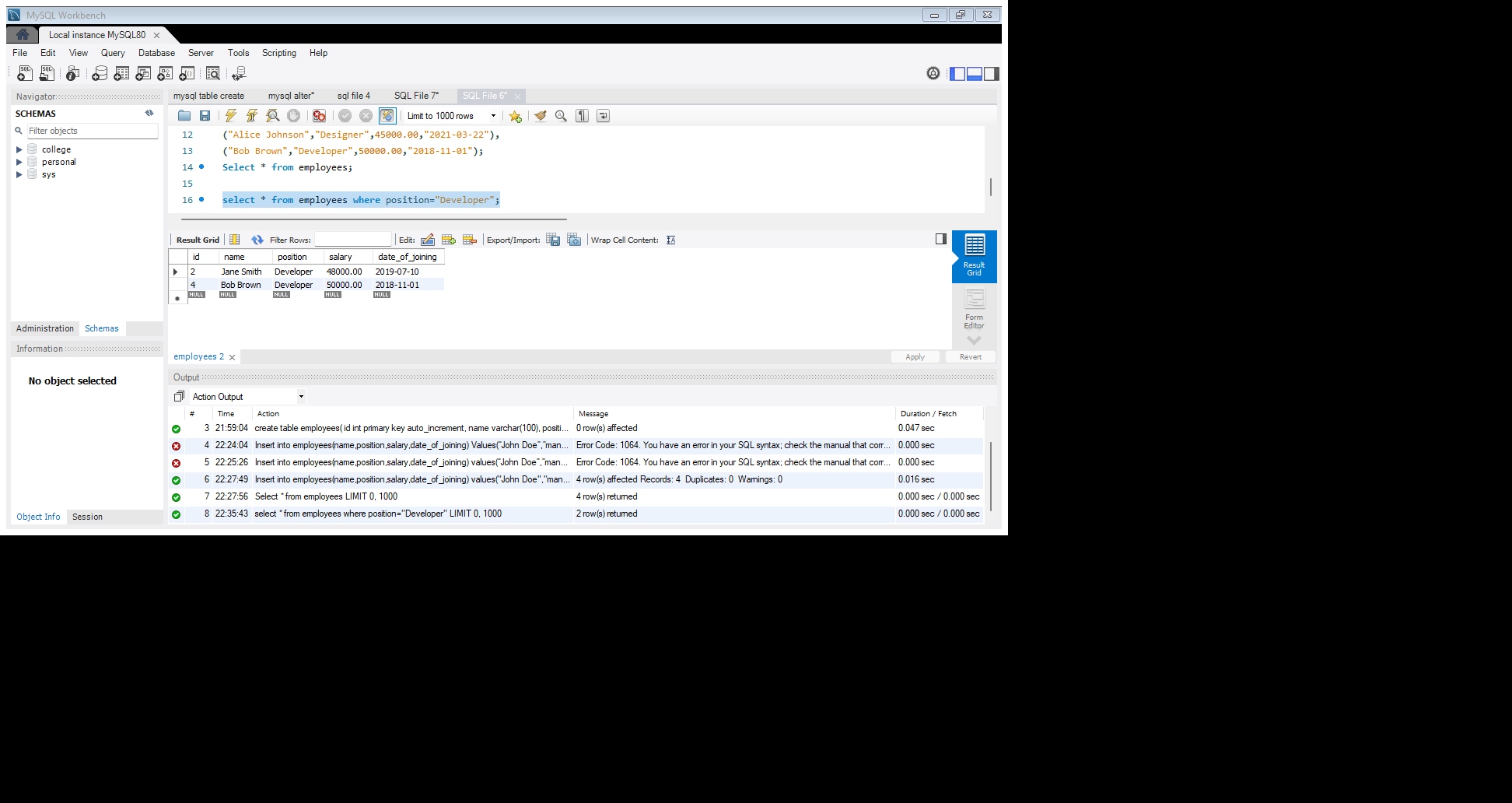
****



**/\*3.**Write a query to retrieve all employees who are Developers.\*/

**select \* from employees where position="Developer";**

****



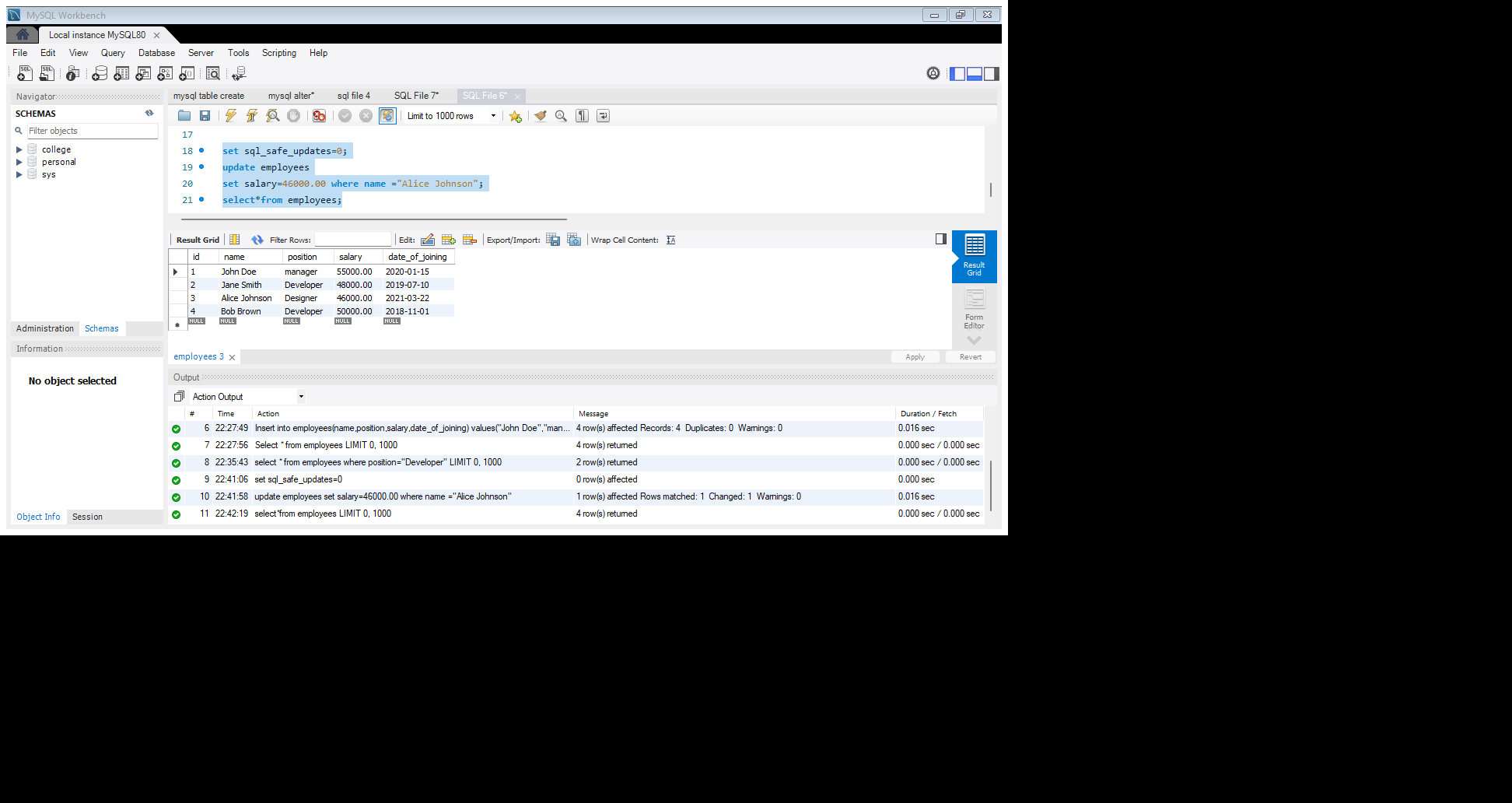
/\***4.**Write a query to update the salary of Alice Johnson to 46000.00.\*/

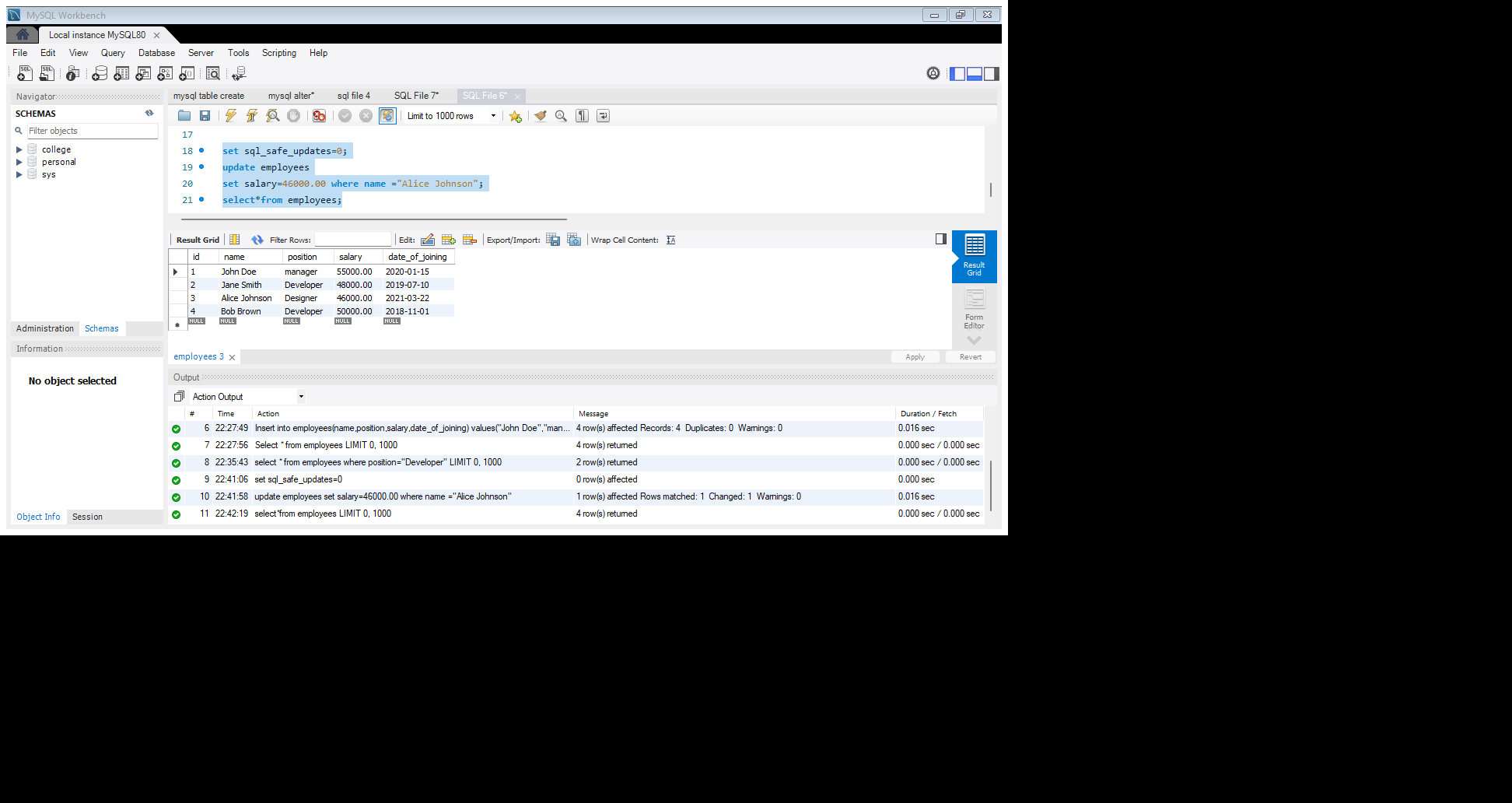
**set sql\_safe\_updates=0;**

**Update employees**

**set salary=46000.00 where name ="Alice Johnson";**

**select\*from employees;**

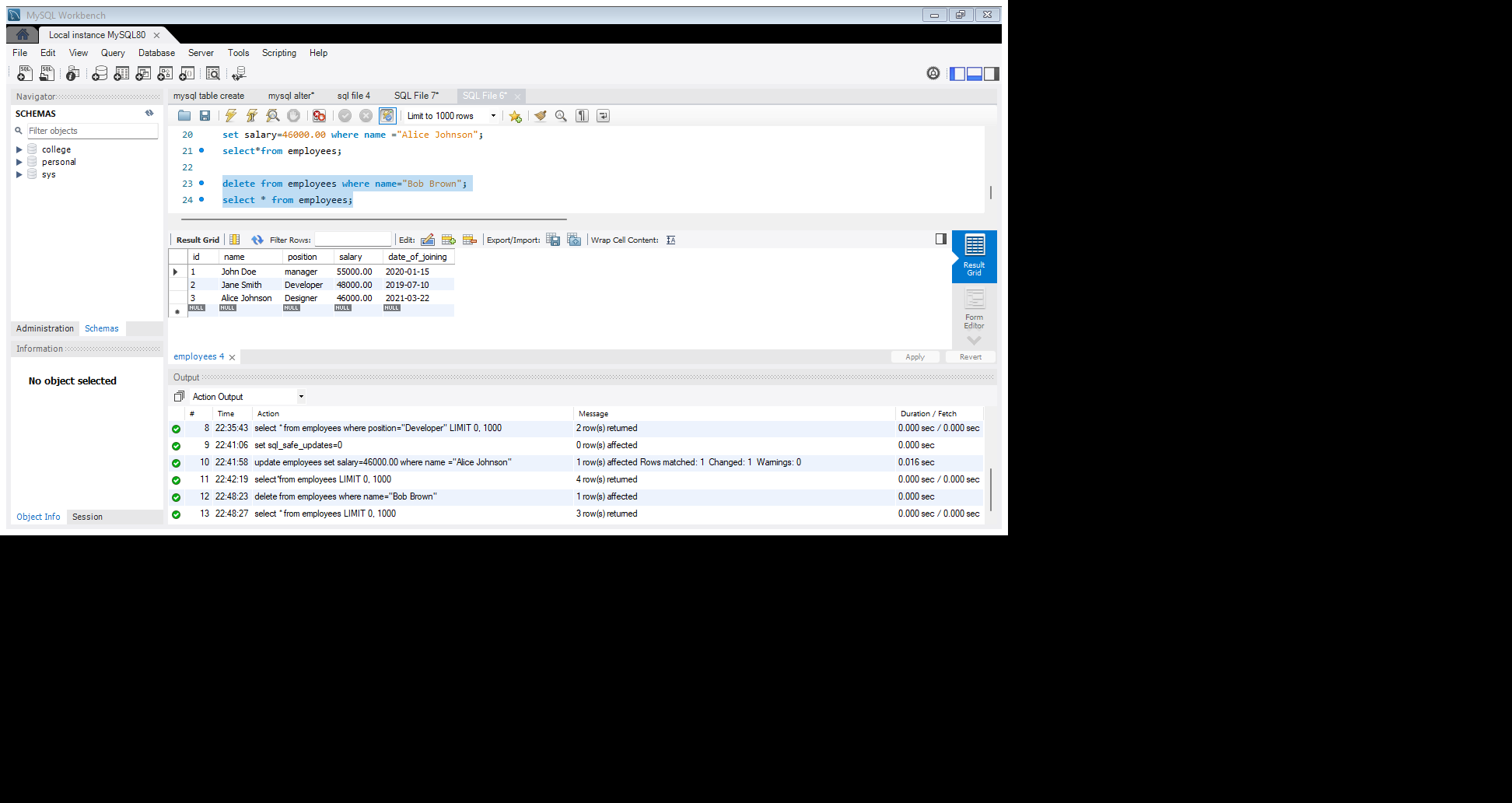
****

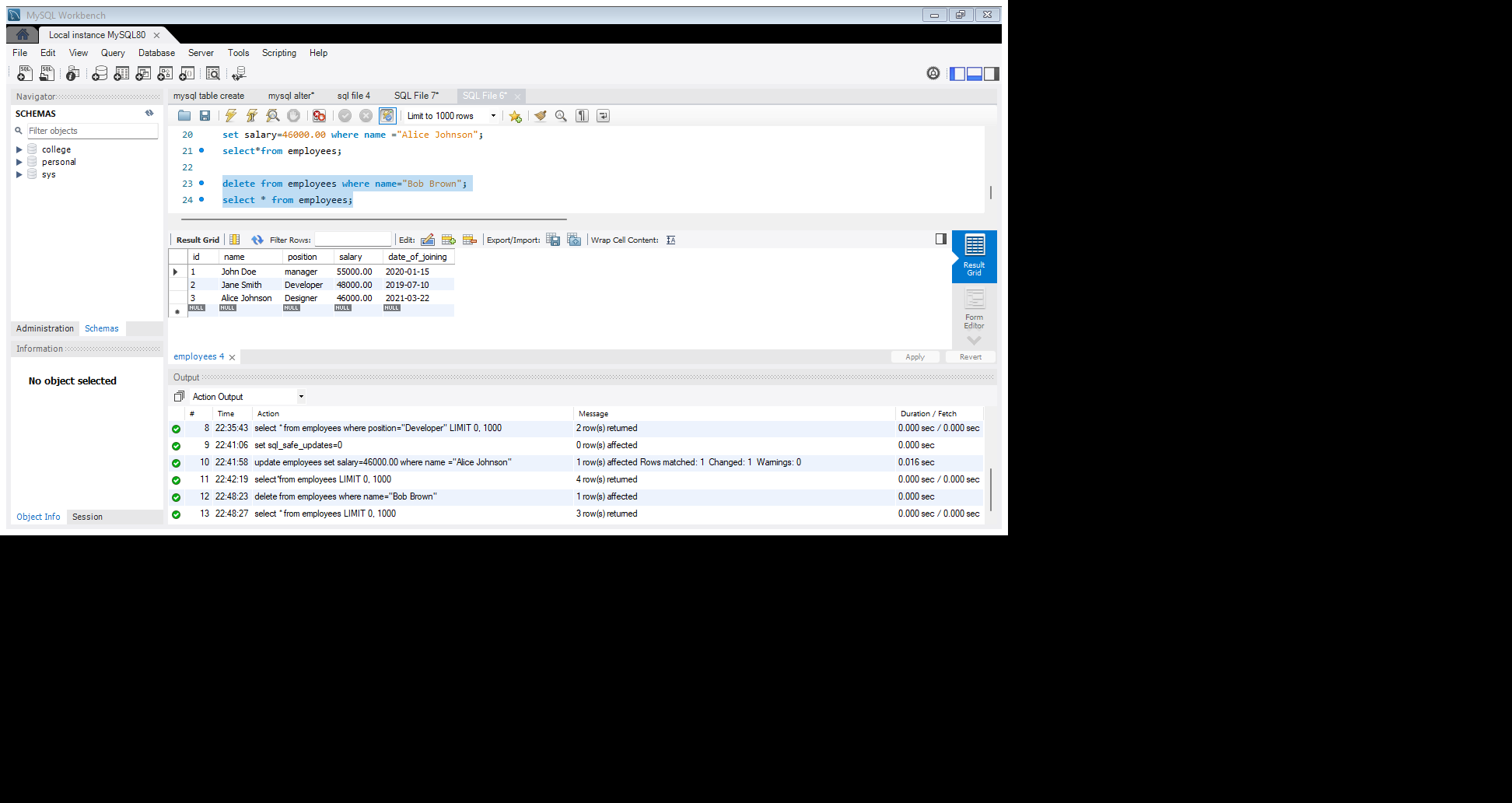


/\***5.**.Write a query to delete the employee record for Bob Brown.\*/

**delete from employees where name="Bob Brown";**

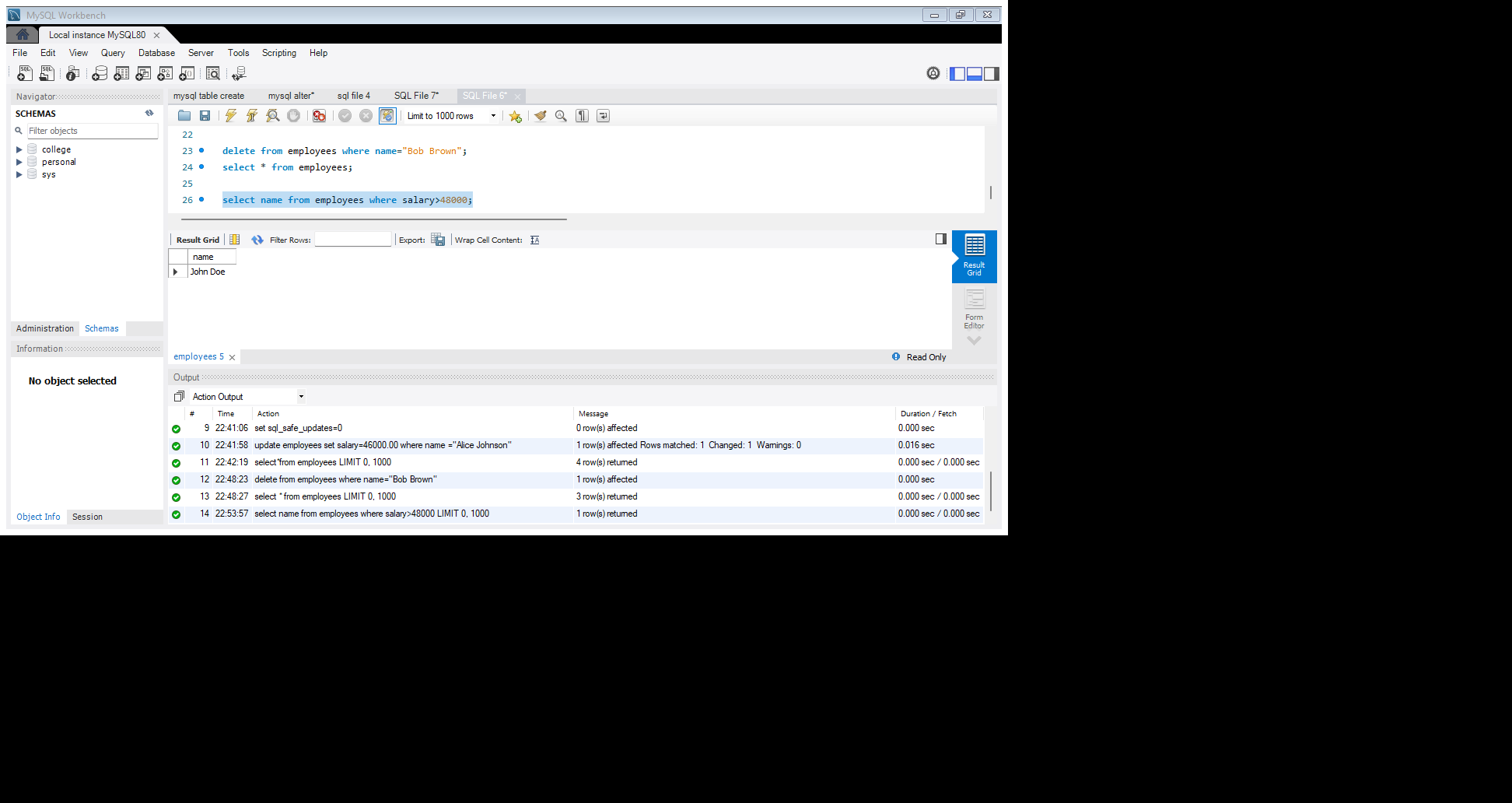
**select \* from employees;**

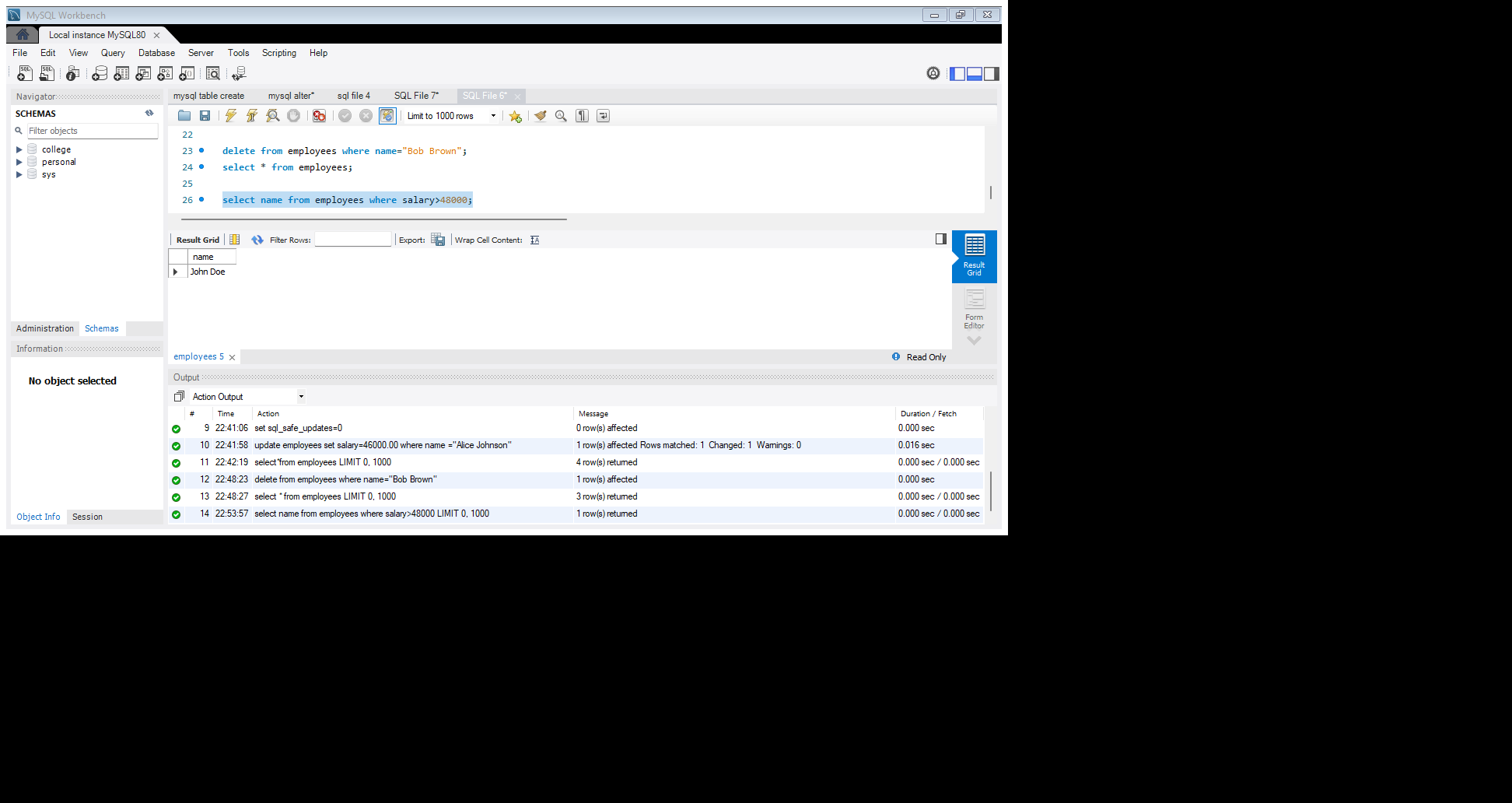
****



/\***6.**Write a query to find the employees who have a salary greater than 48000.\*/

**select name from employees where salary>48000;**

****

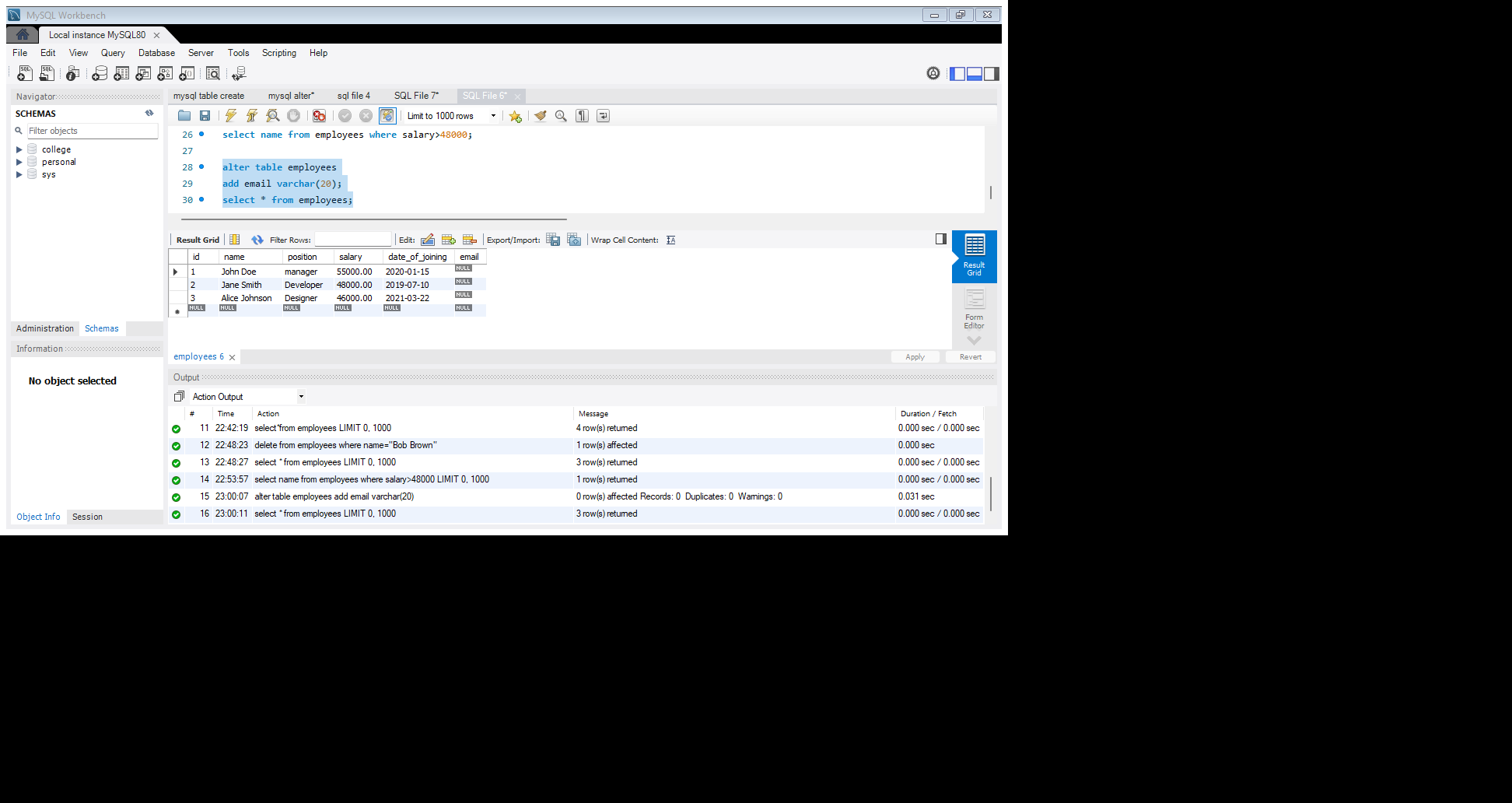


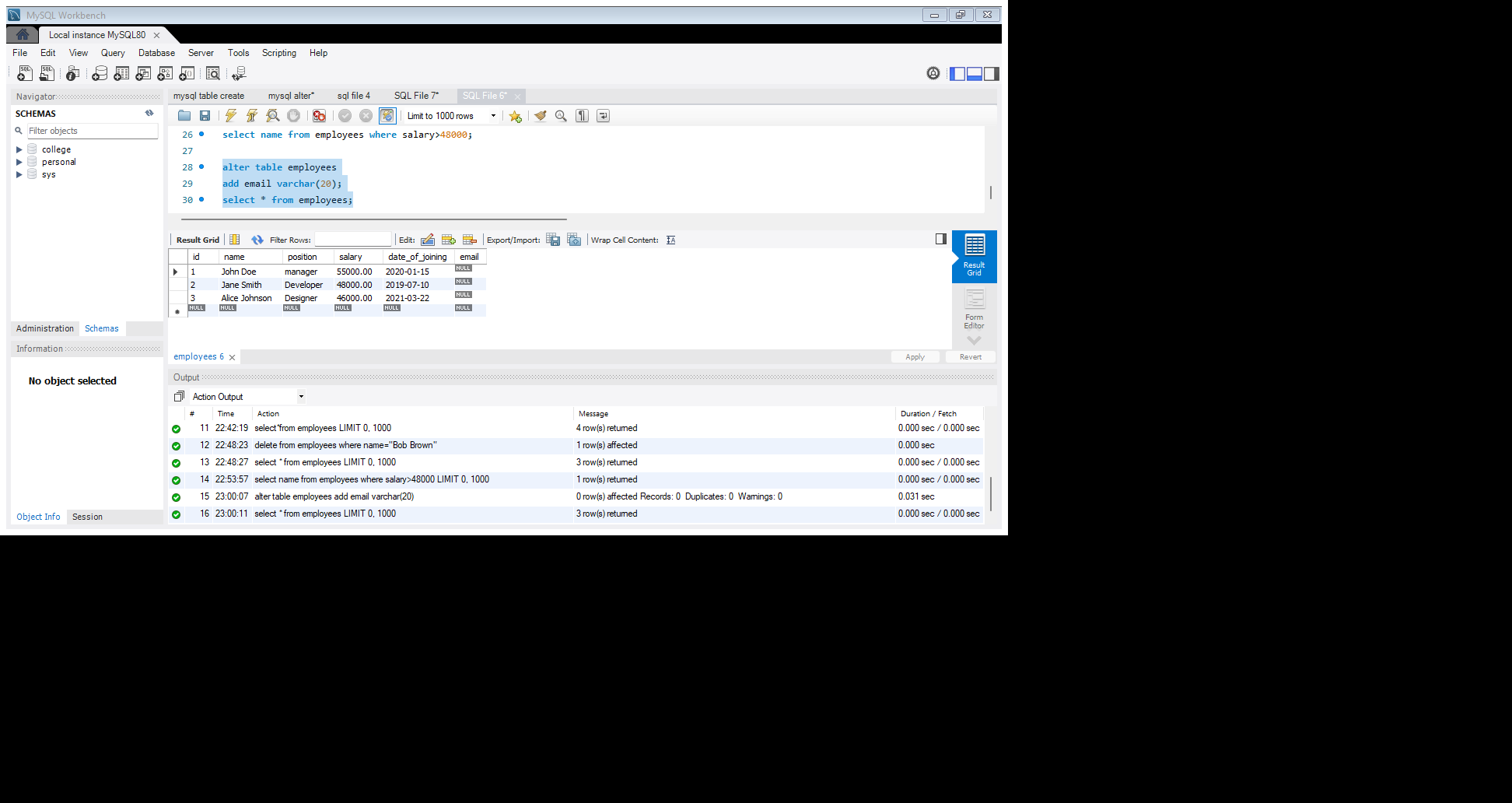
/\***7.**Write a query to add a new column email to the employees table.\*/

**alter table employees**

**add email varchar(20);**

**select \* from employees;**

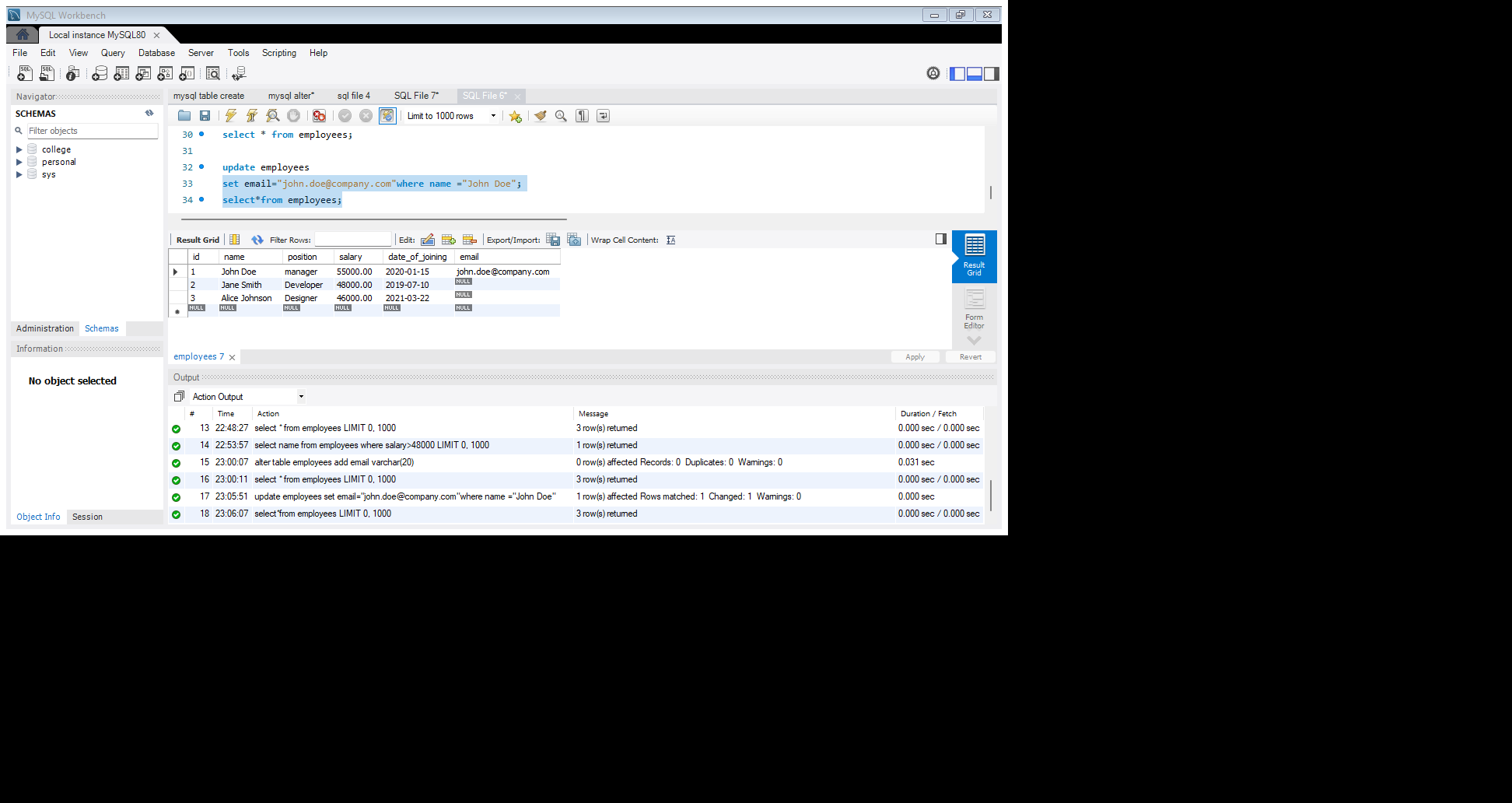
****

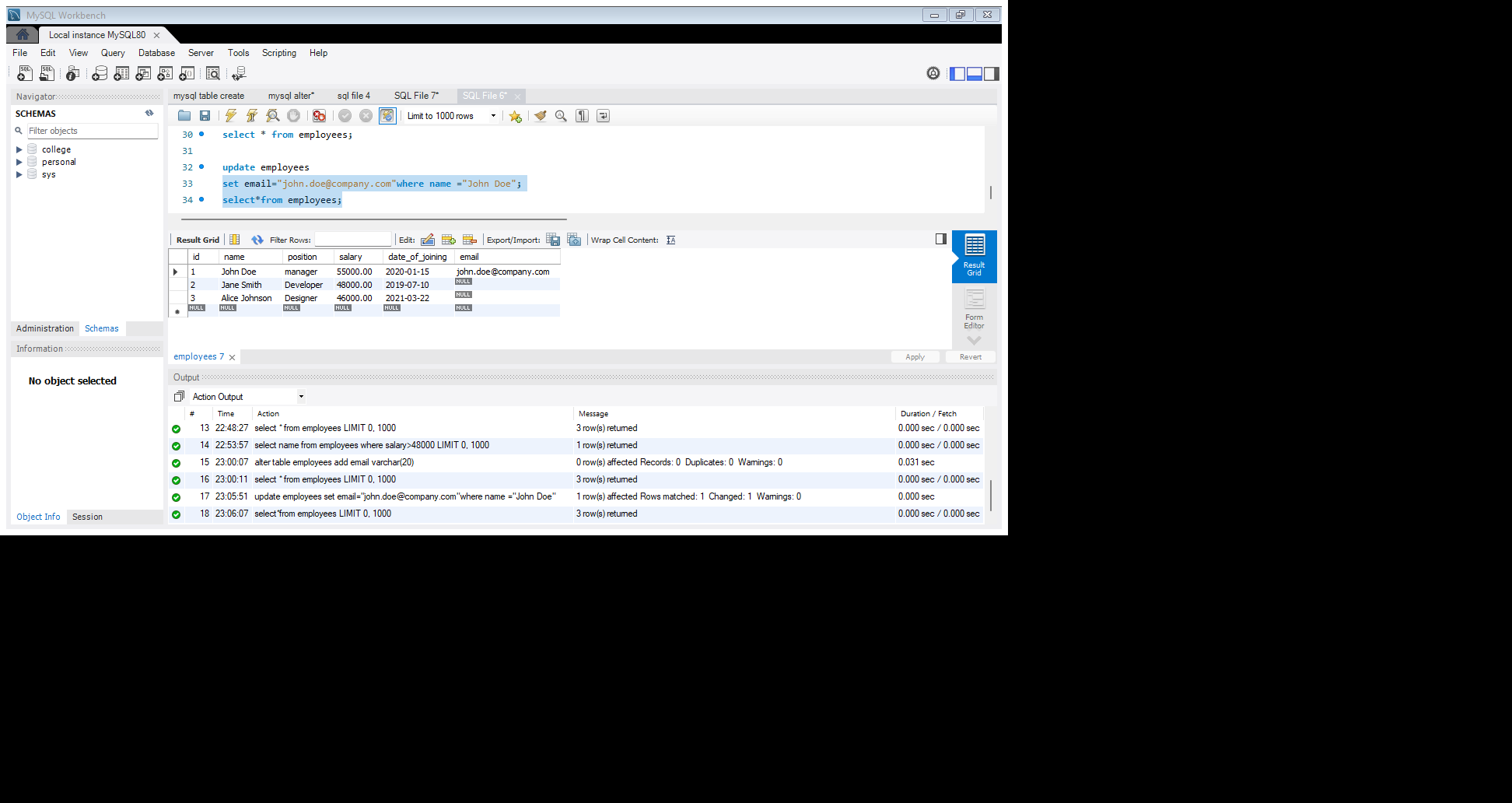


\*/**8.**Write a query to update the email for John Doe to [john.deo@company.com\*/](mailto:john.deo@company.com*/)

**set email="john.doe@company.com"where name ="John Doe";**

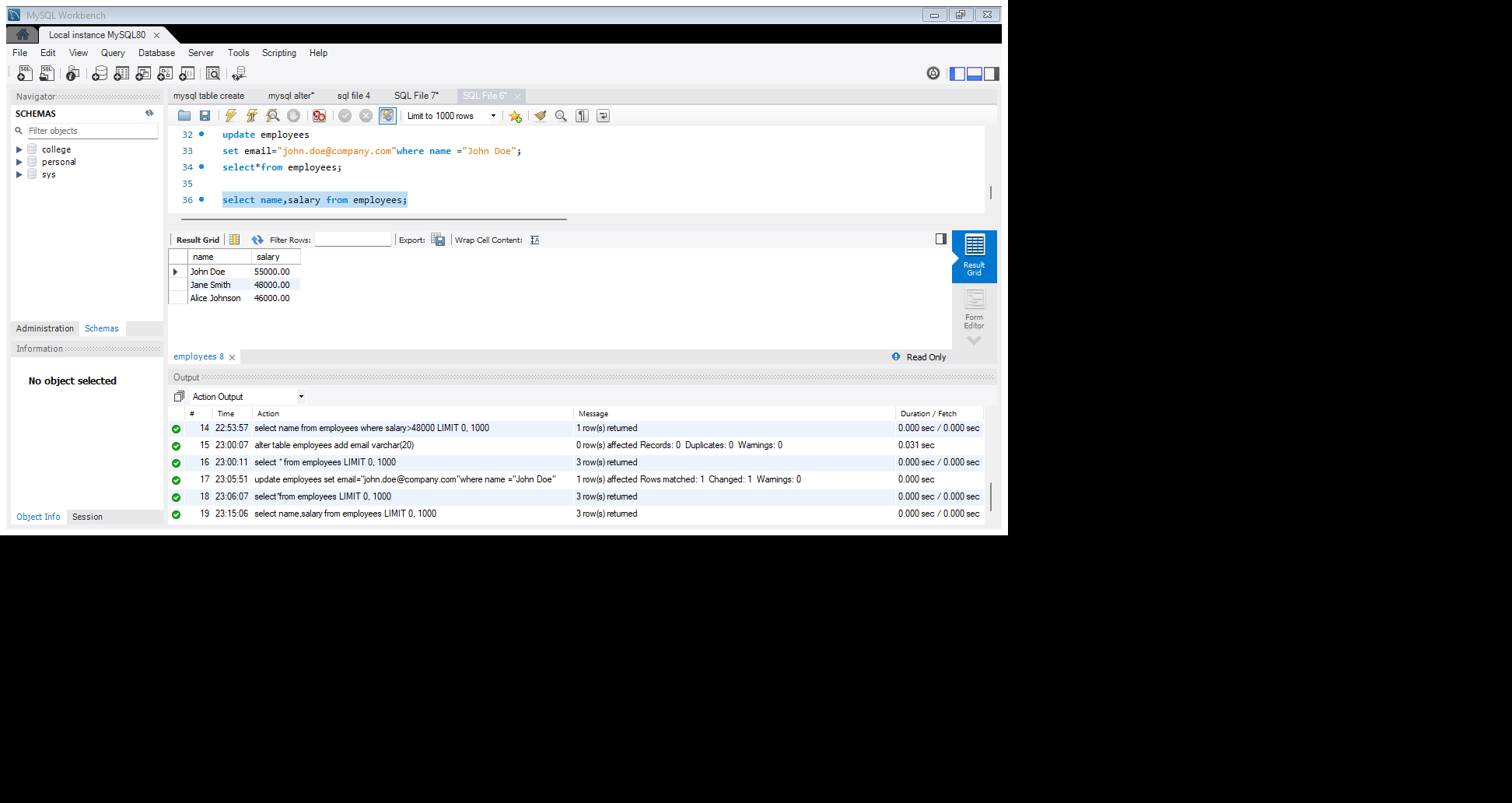
**select\*from employees;**

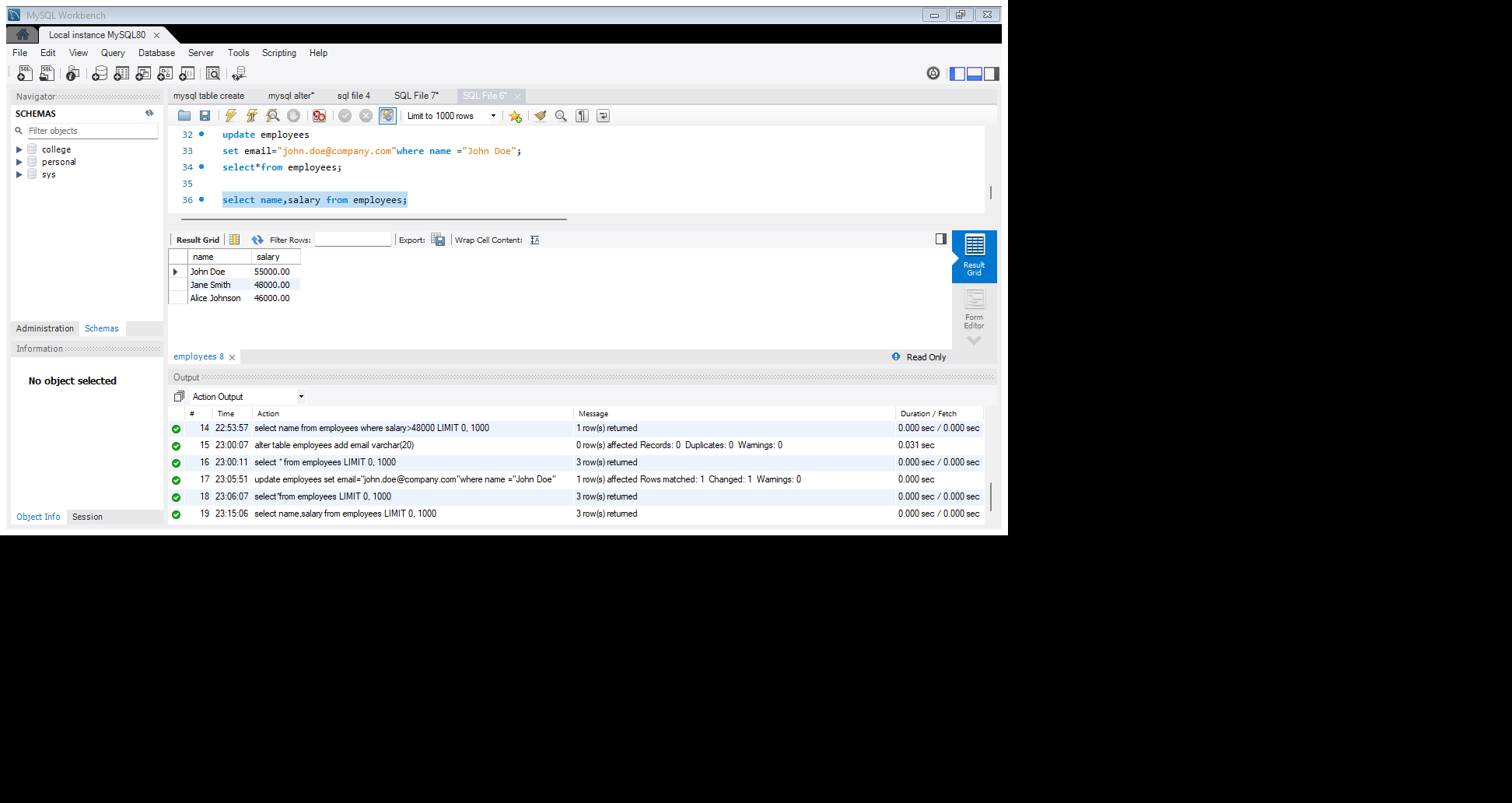
****



/\***9.**Write a query to retrieve only the name and salary of all employees.\*/

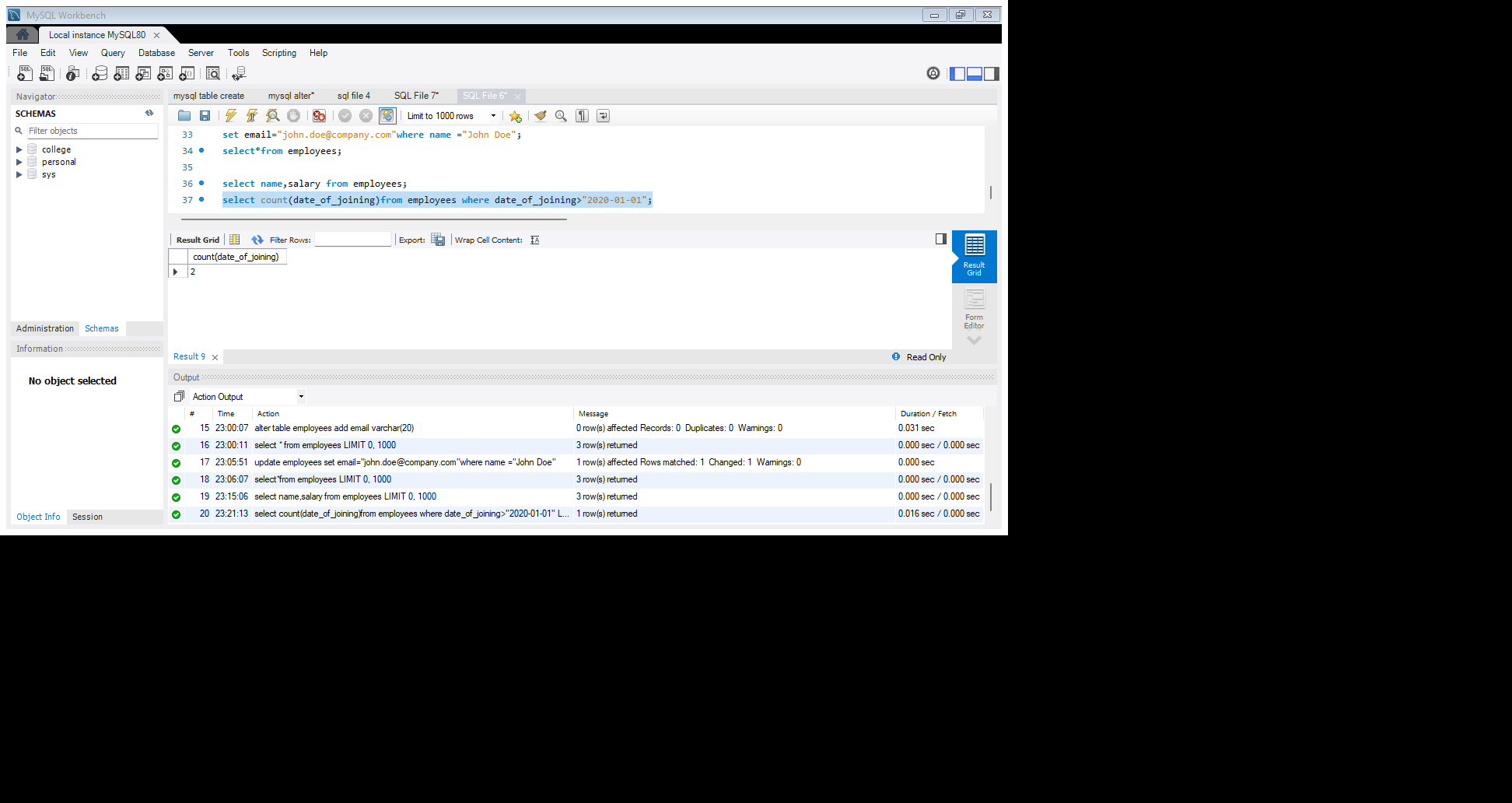
**select name,salary from employees;**

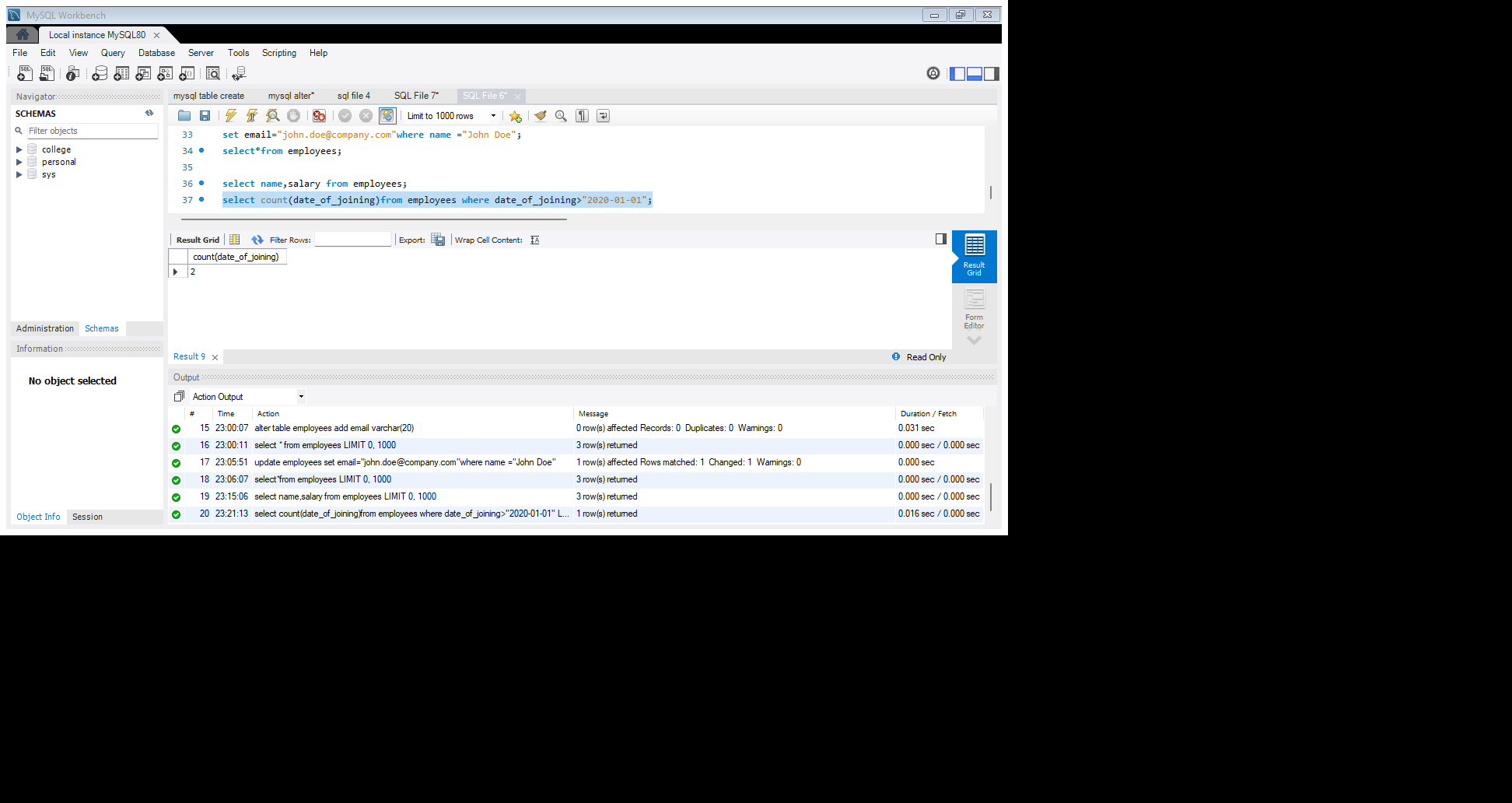
****



/\***10.**Write a query to count the number of employees who joined after January 1, 2020.\*/

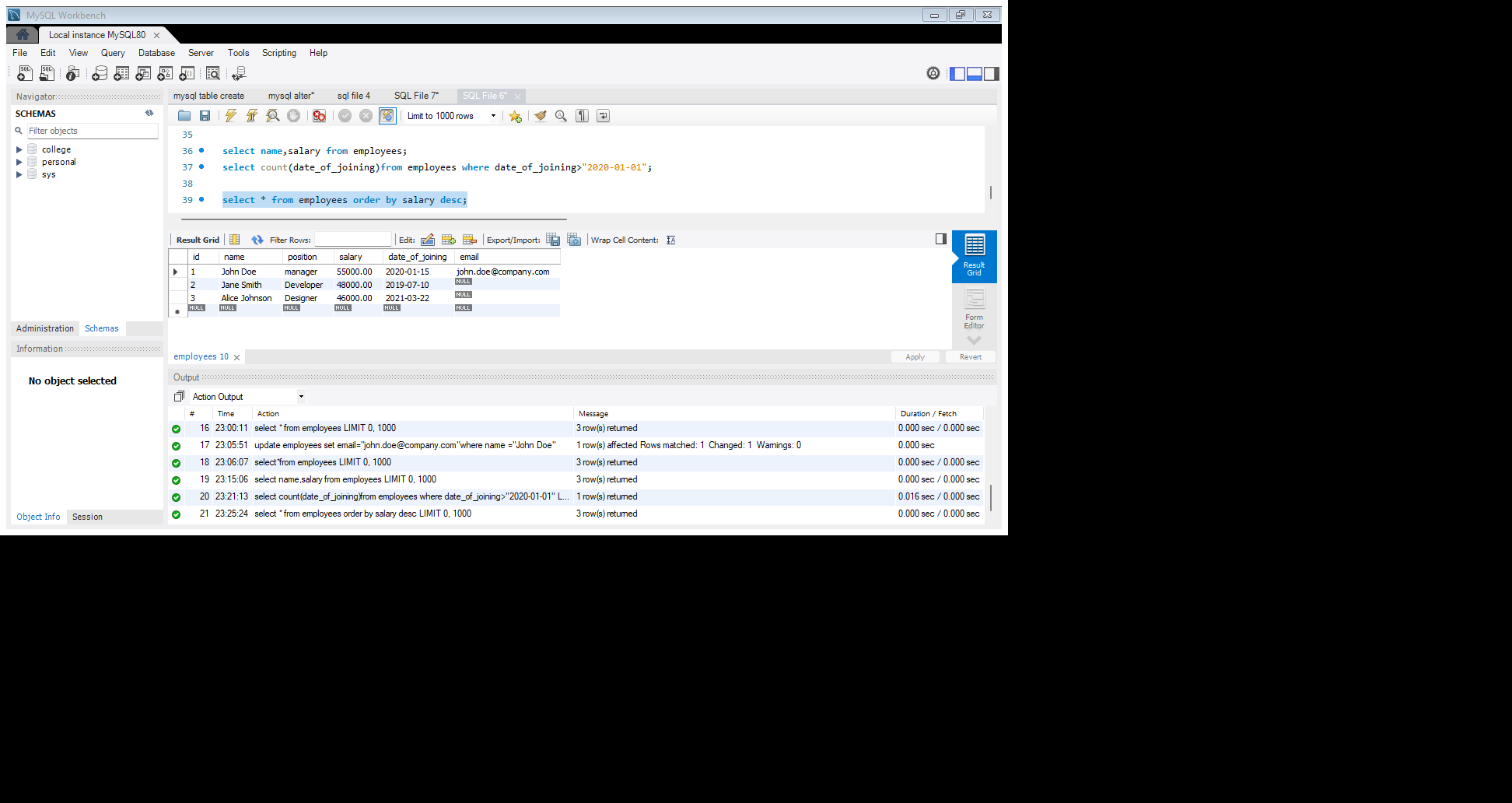
**select count(date\_of\_joining)from employees where date\_of\_joining>"2020-01-01";**

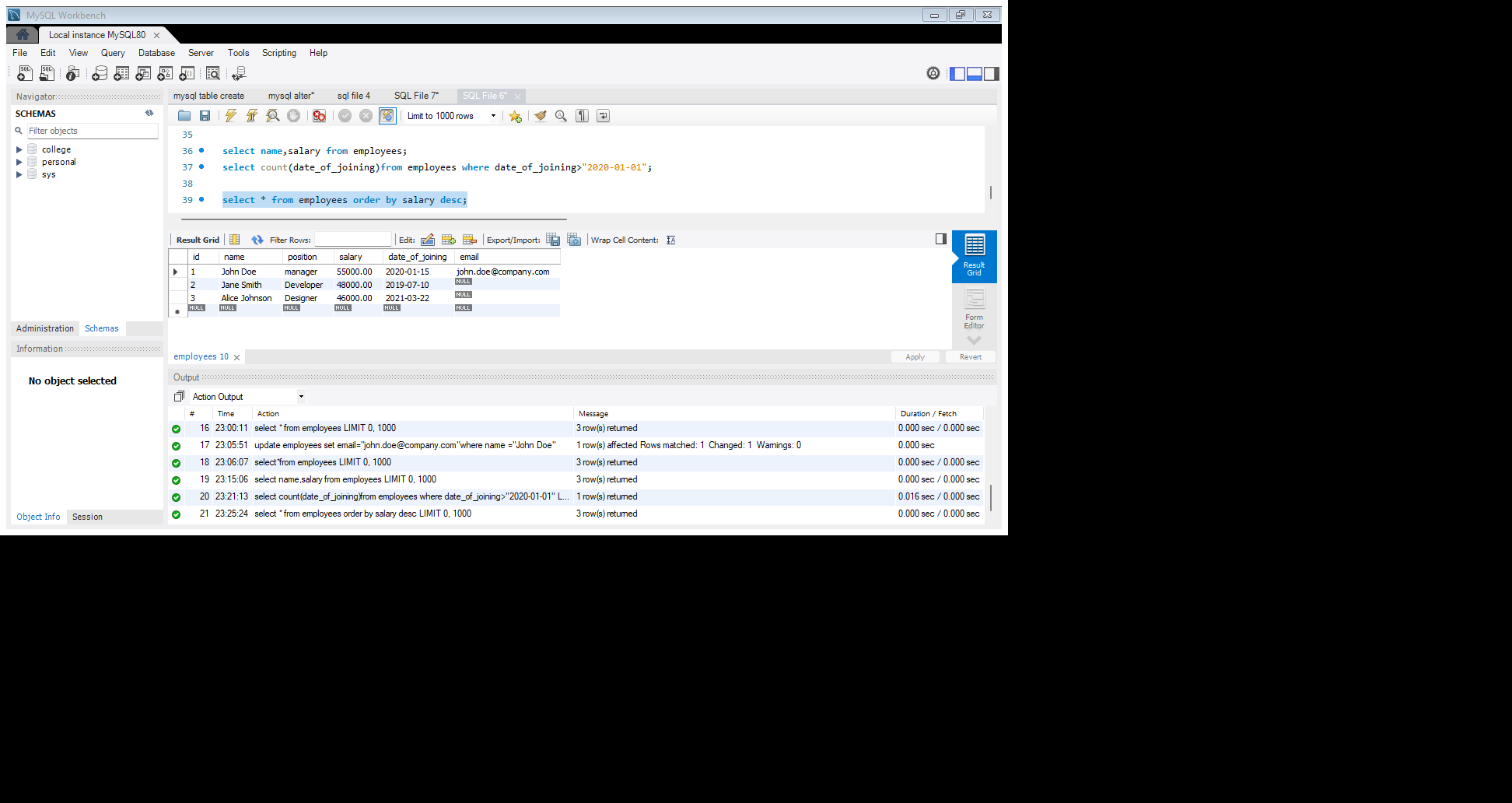
****



/\***11.**Write a query to order the employees by salary in descending order.\*/

**select \* from employees order by salary desc;**

****

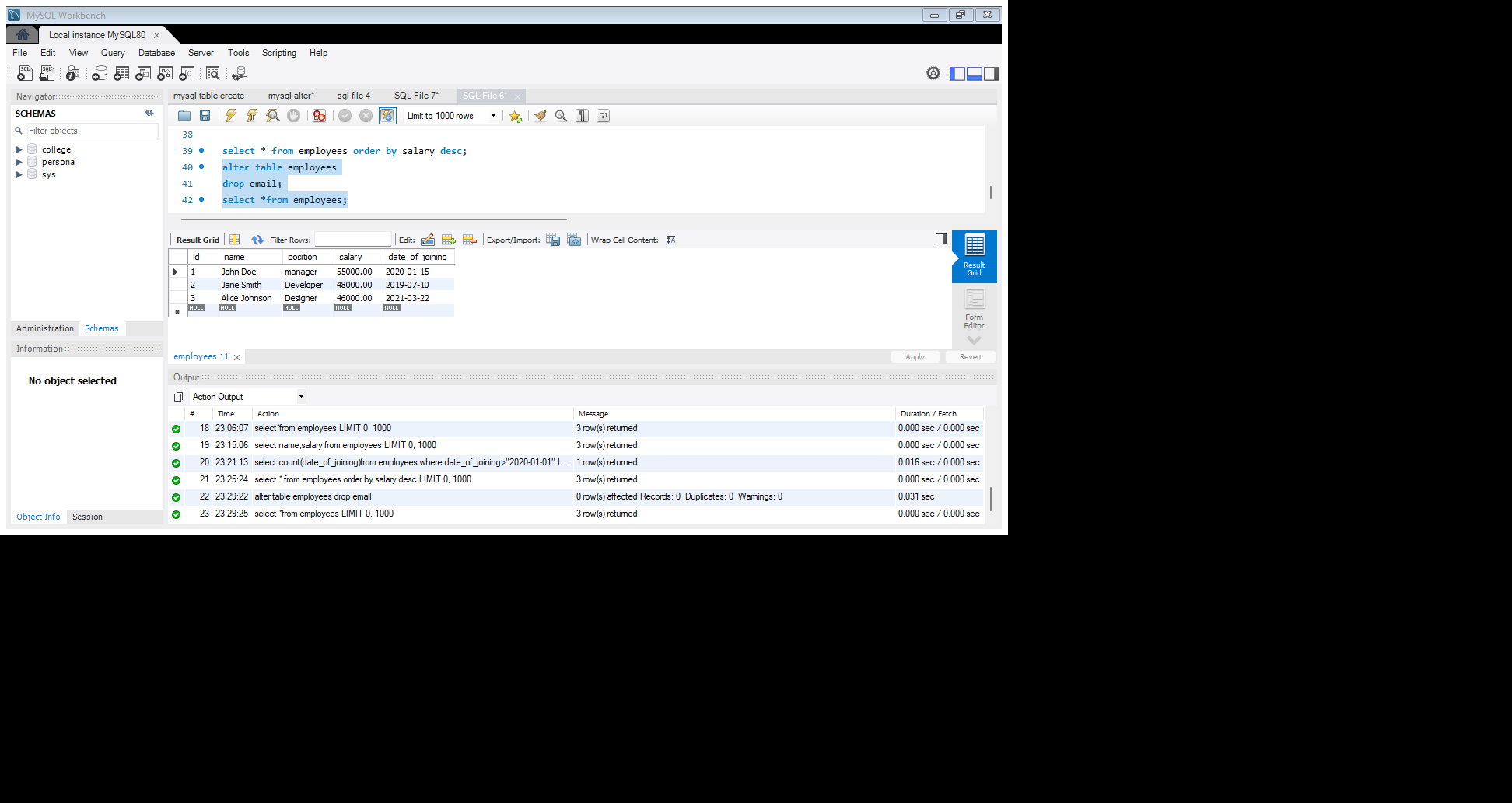


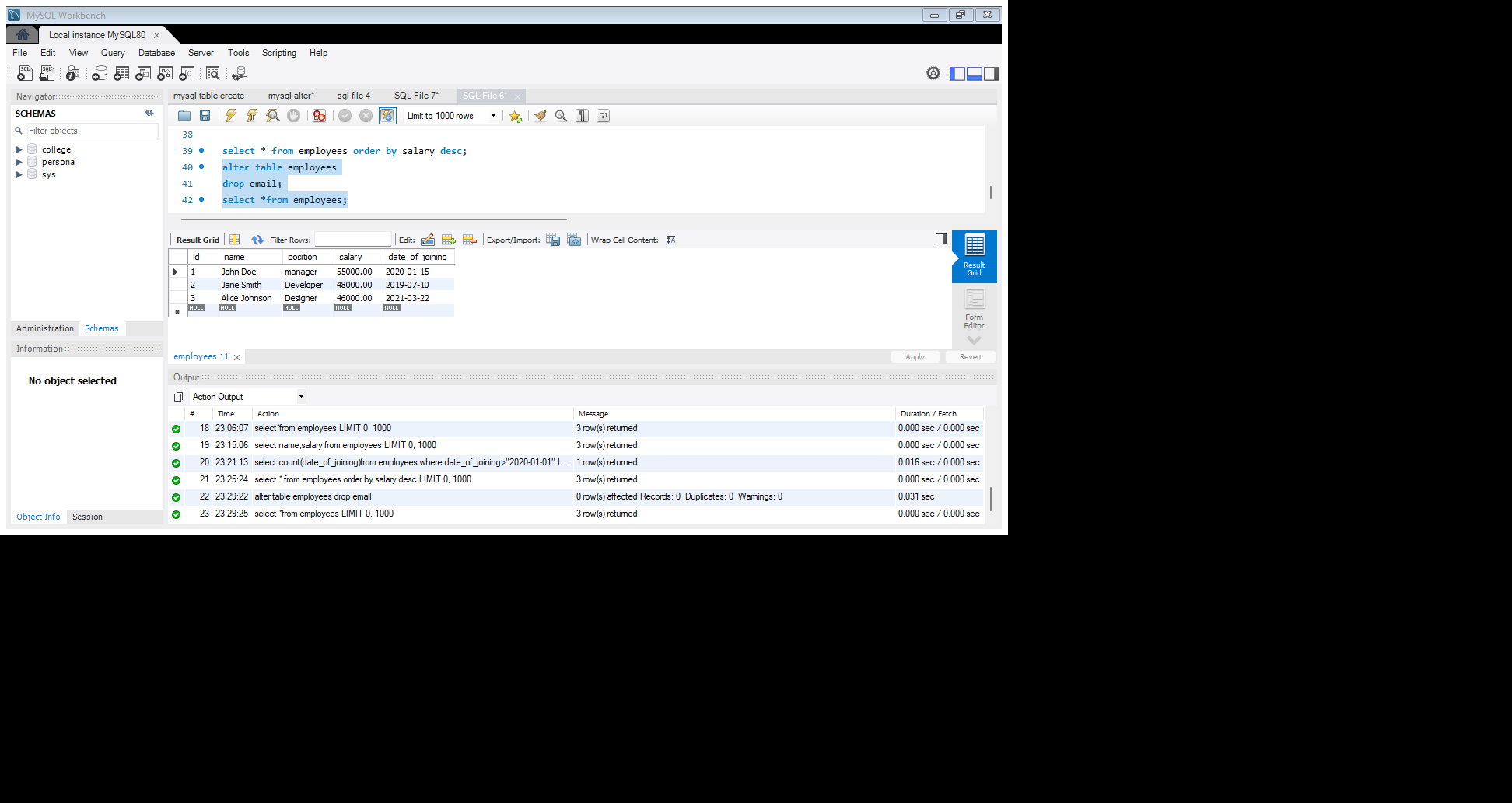
/\***12.**Write a query to drop the email column from the employees table,\*/

**alter table employees**

**drop email;**

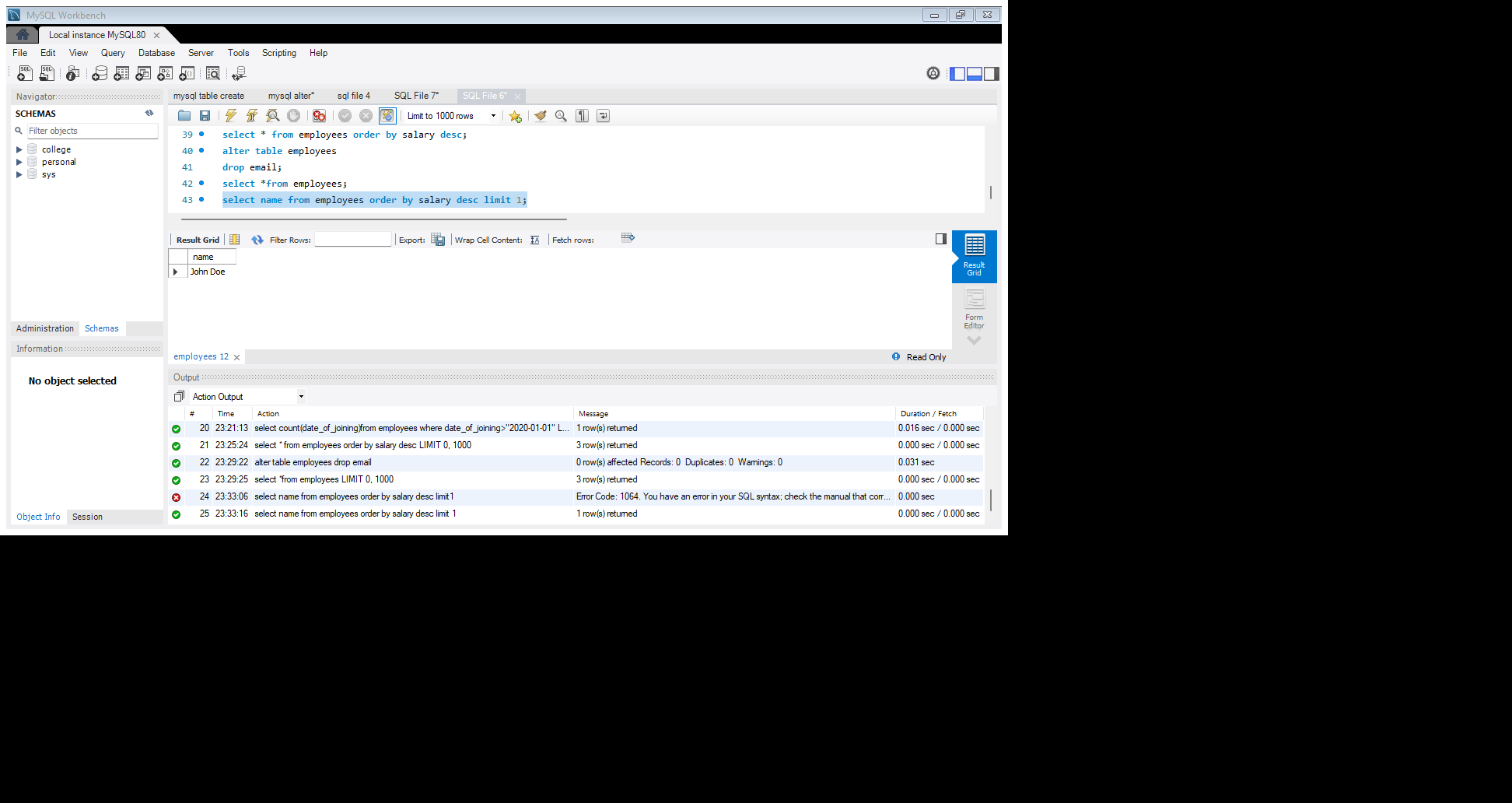
**select \*from employees;**

****



/\***13.**Write a query to find the employee with the higher salary.\*/

**select name from employees order by salary desc limit 1;**

****

