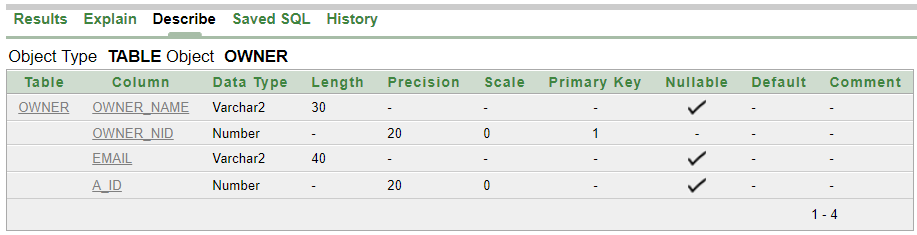
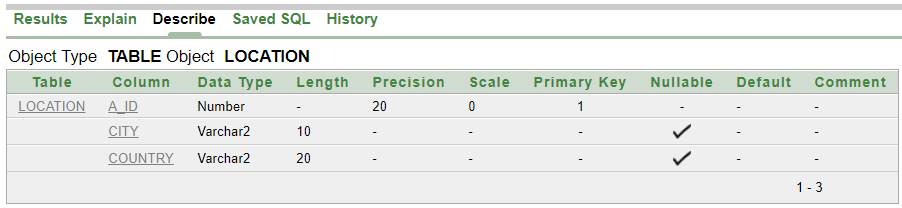
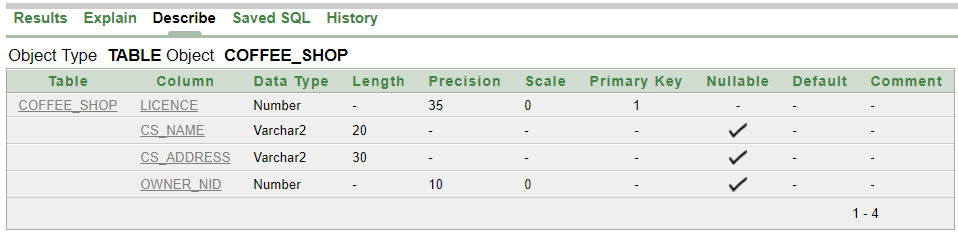
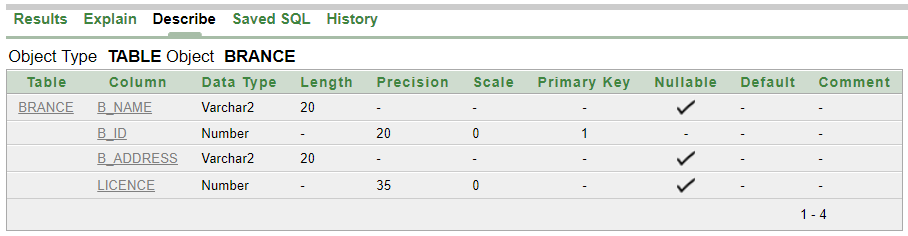
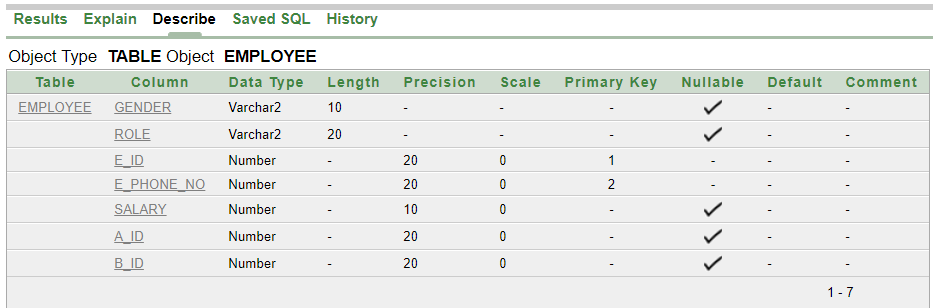
1. create table owner (owner\_name varchar2(30), owner\_NID number(20) primary key, email varchar2(40),a.id number(20));

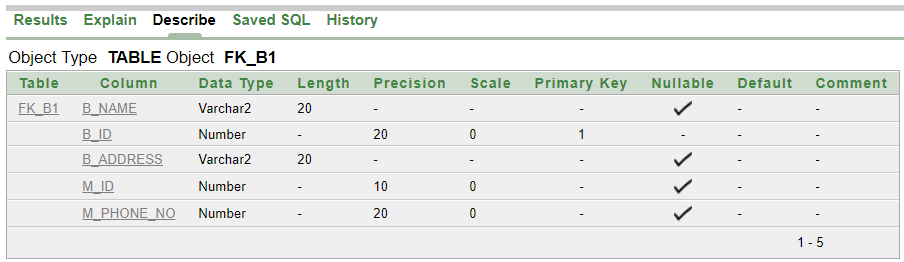


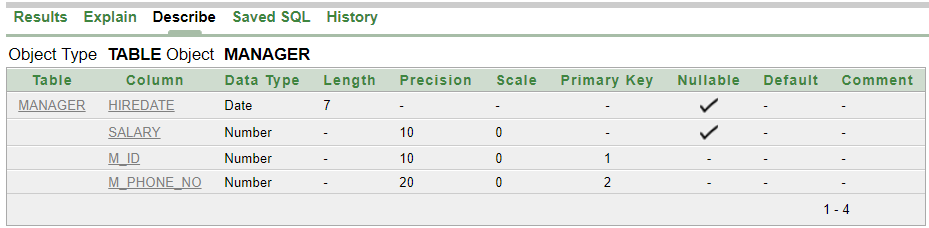
2. create table Location (a\_id number(20) primary key,city varchar2(10), country varchar2(20));

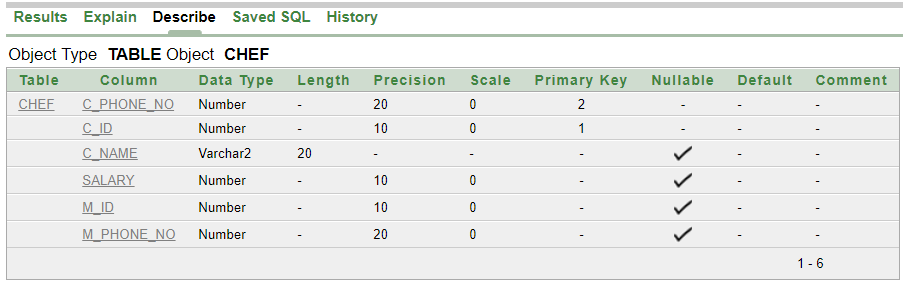
3. create table Coffee\_Shop (licence number(35) primary key, cs\_name varchar2(20),cs\_address varchar2(30), owner\_NID number(10));

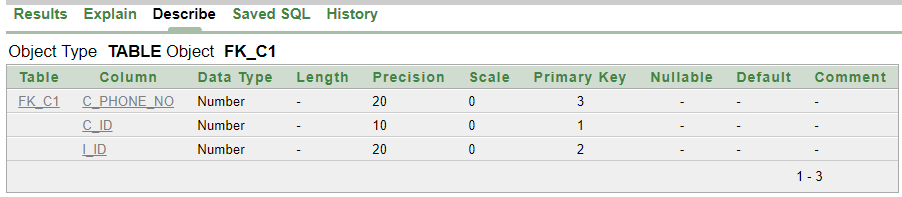
4. create table Brance (b\_name varchar2(20),b\_id number(20) primary key,b\_address varchar2(20),licence number(35));

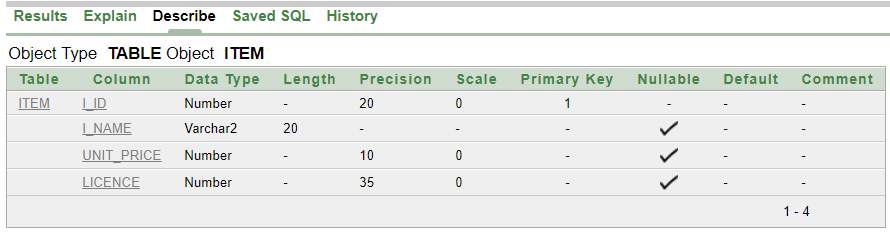
5. create table Employee(gender varchar2(10), role varchar2(20), e\_id number(20), e\_phone\_no number(20),salary number(10),a\_id number(20),b\_id number(20));

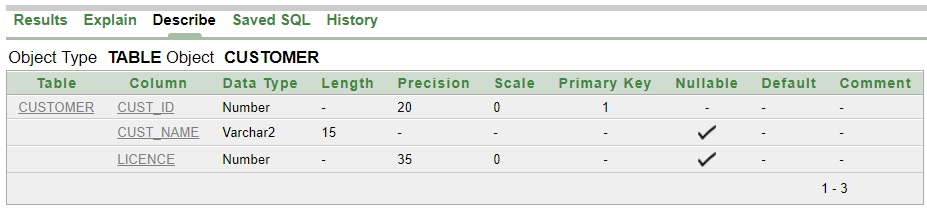
6. create table fk\_b1 (b\_name varchar2(20),b\_id number(20) primary key,b\_address varchar2(20),m\_id number(10),m\_phone\_no number(20));

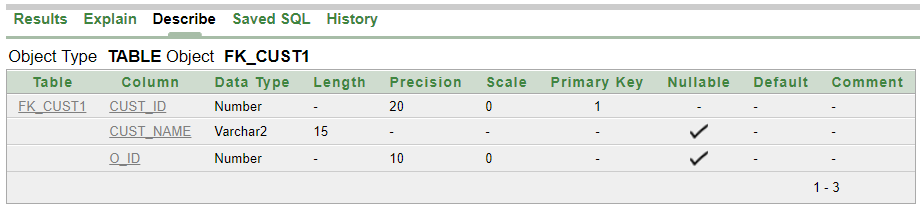
7. create table Manager(hiredate DATE,salary number(10),m\_id number(10), m\_phone\_no number(20));

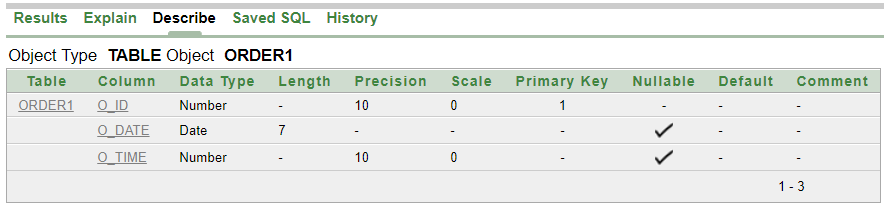
8. create table Chef (c\_phone\_no number(20),c\_id number(10), C\_name varchar2(20),salary number(10),m\_id number(10), m\_phone\_no number(20));

9. create table fk\_c1(c\_phone\_no number(20),c\_id number(10),i\_id number(20));

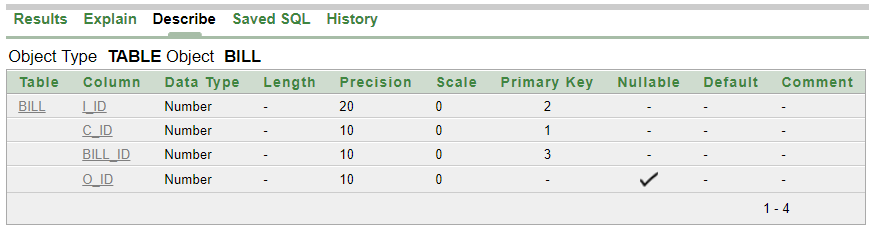
10. create table Item(i\_id number(20) primary key,i\_name varchar2(20),unit\_price number(10),licence number(35));

11. create table Customer(cust\_id number(20) primary key, cust\_name varchar2(15),licence number(35));

12. create table fk\_cust1(cust\_id number(20) primary key, cust\_name varchar2(15),o\_id number(10));

13. create table Order1(o\_id number(10) primary key,o\_date DATE, o\_time number(10));

14. create table Bill (i\_id number(20),c\_id number(10),bill\_id number(10),o\_id number(10));

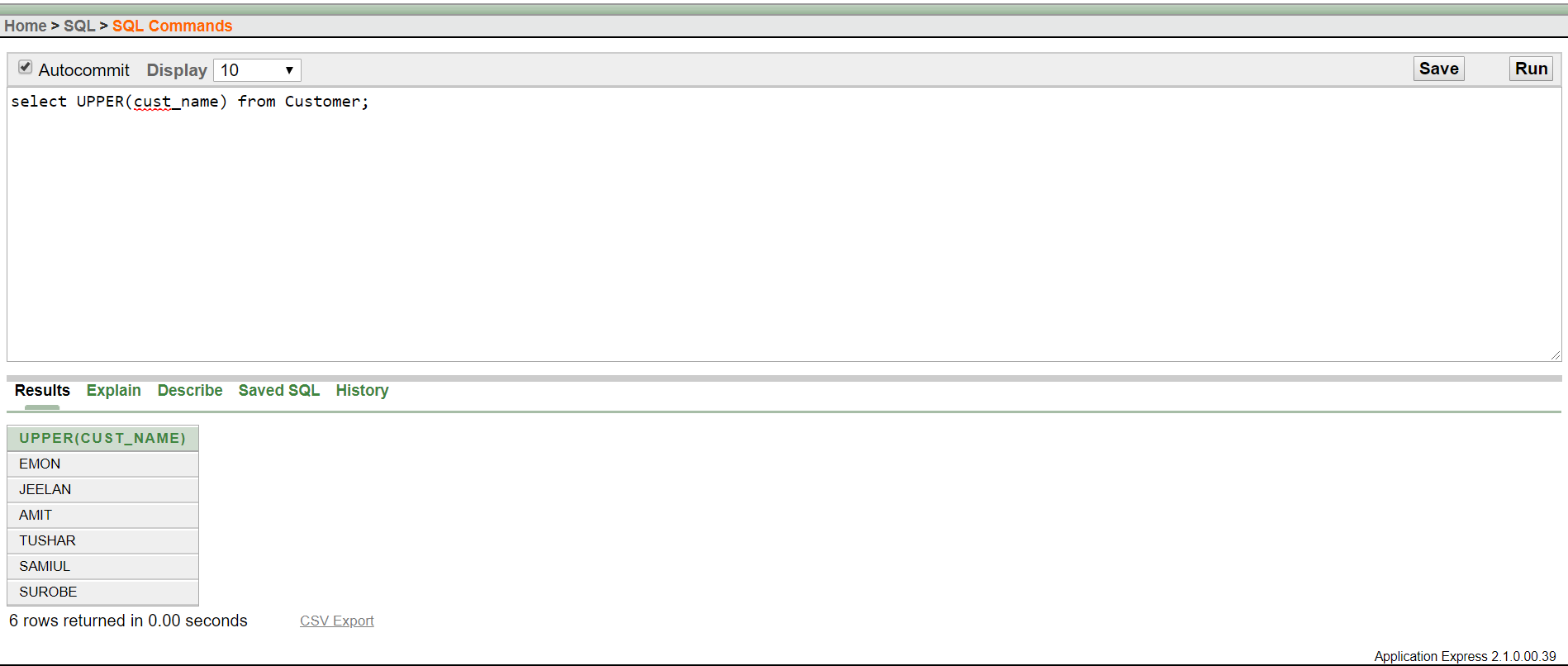


**QUERY WRITING:**

**Single Row Functions:**

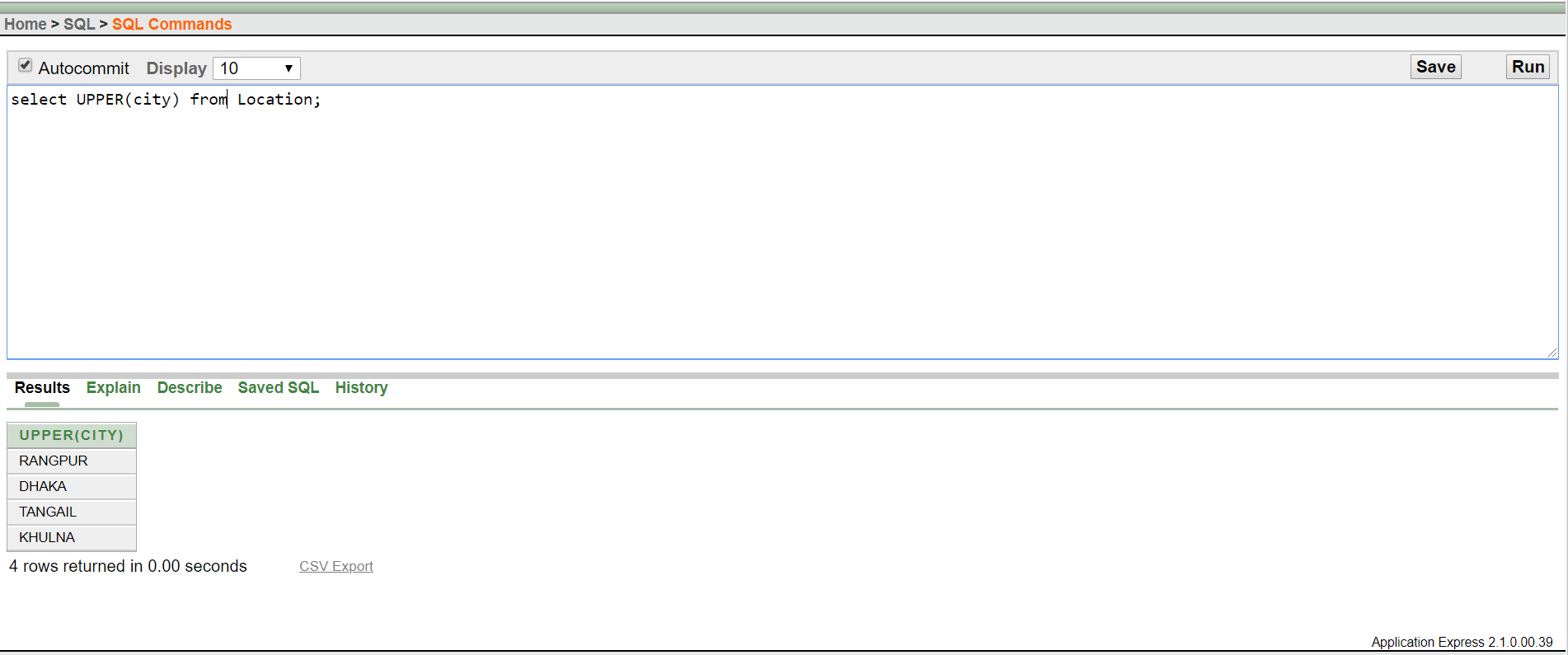
Ques: Show the name of all customer.

Ans: select UPPER(cust\_name) from Customer;



Ques: Display the place name in upper case.

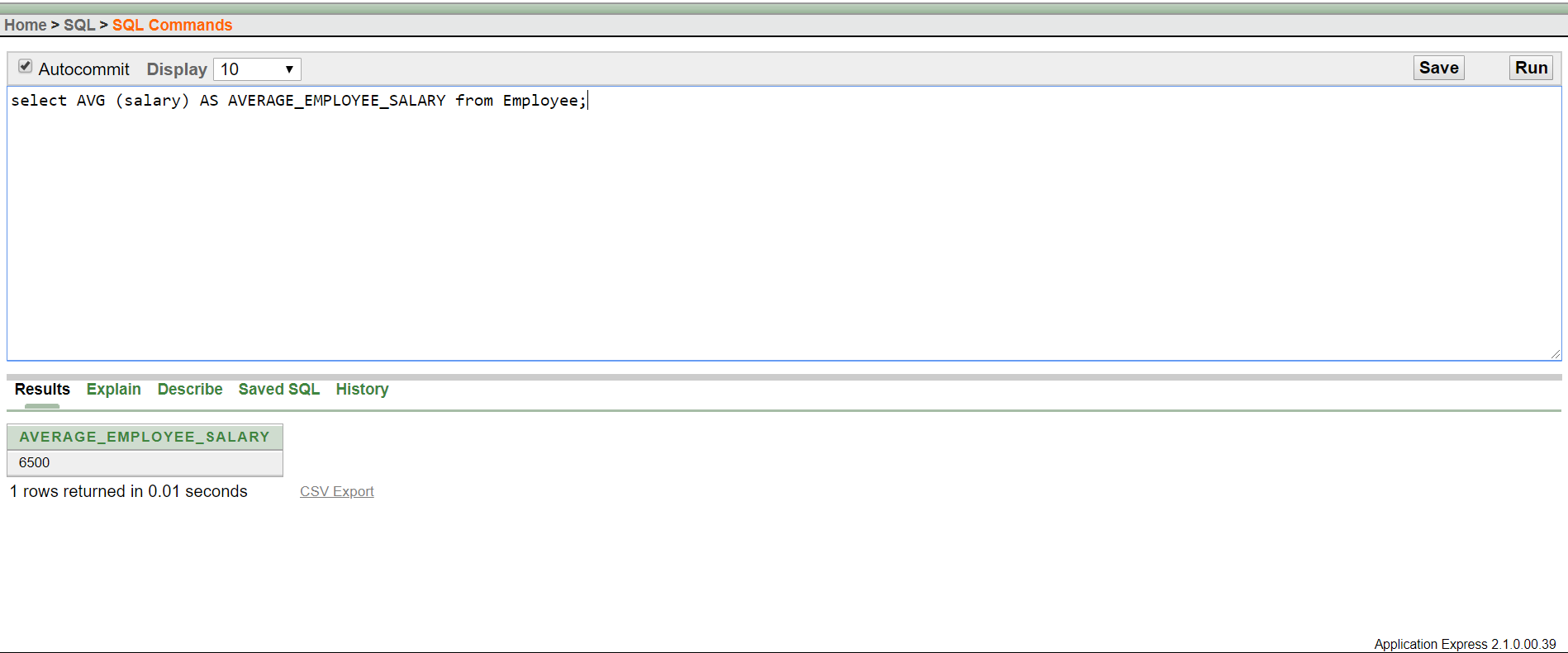
Ans: select UPPER(city) from Location;



**Group Function:**

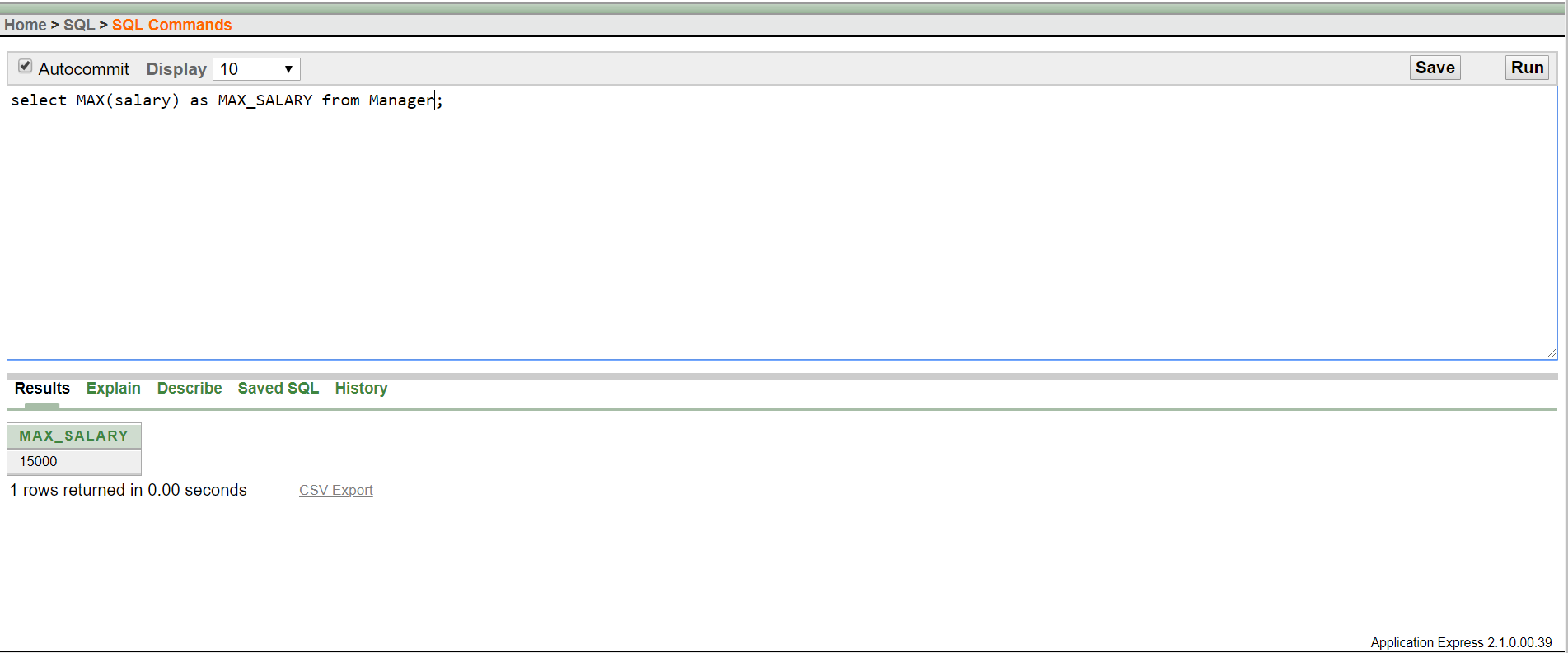
Ques: Find the average salary of the employees.

Ans: select AVG (salary) AS AVERAGE\_EMPLOYEE\_SALARY from Employee;



Ques: Find maximum salary of a manager.

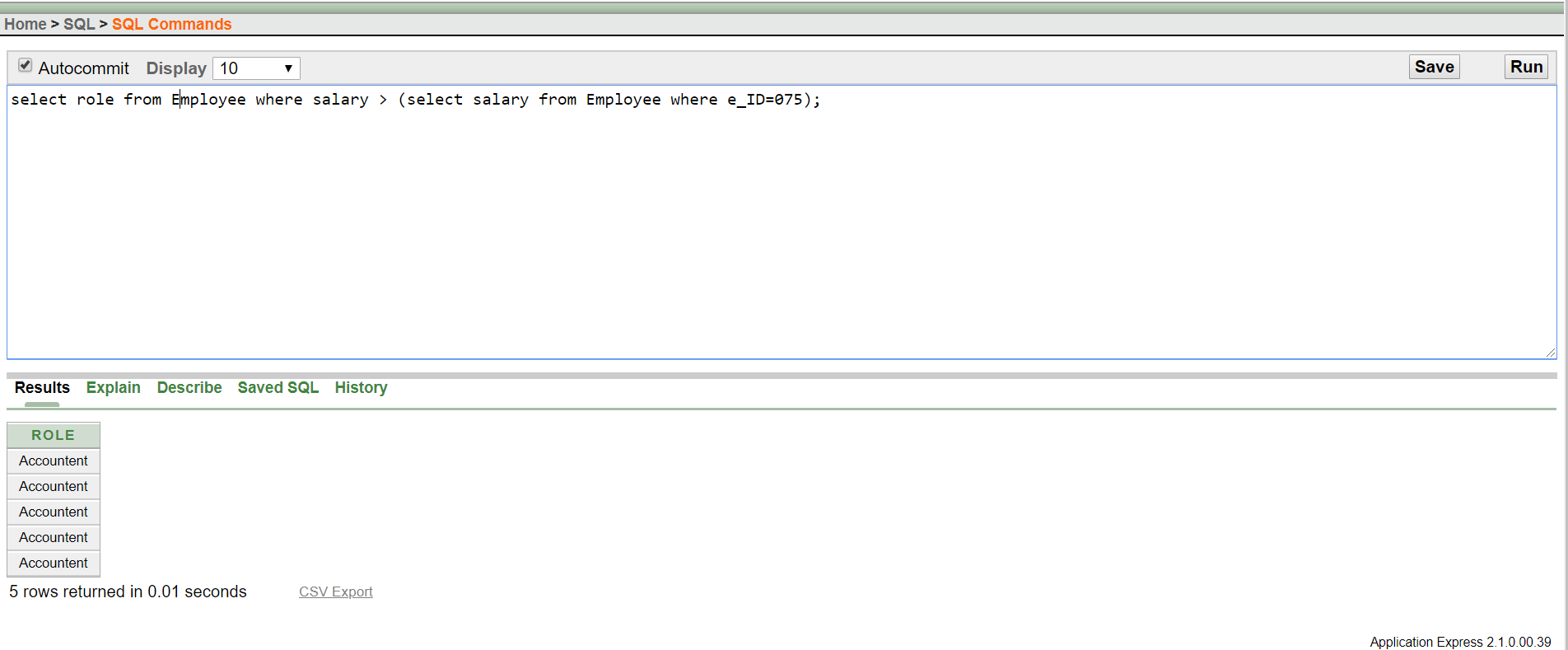
Ans: select MAX(salary) as MAX\_SALARY from Manager;



**Sub Query:**

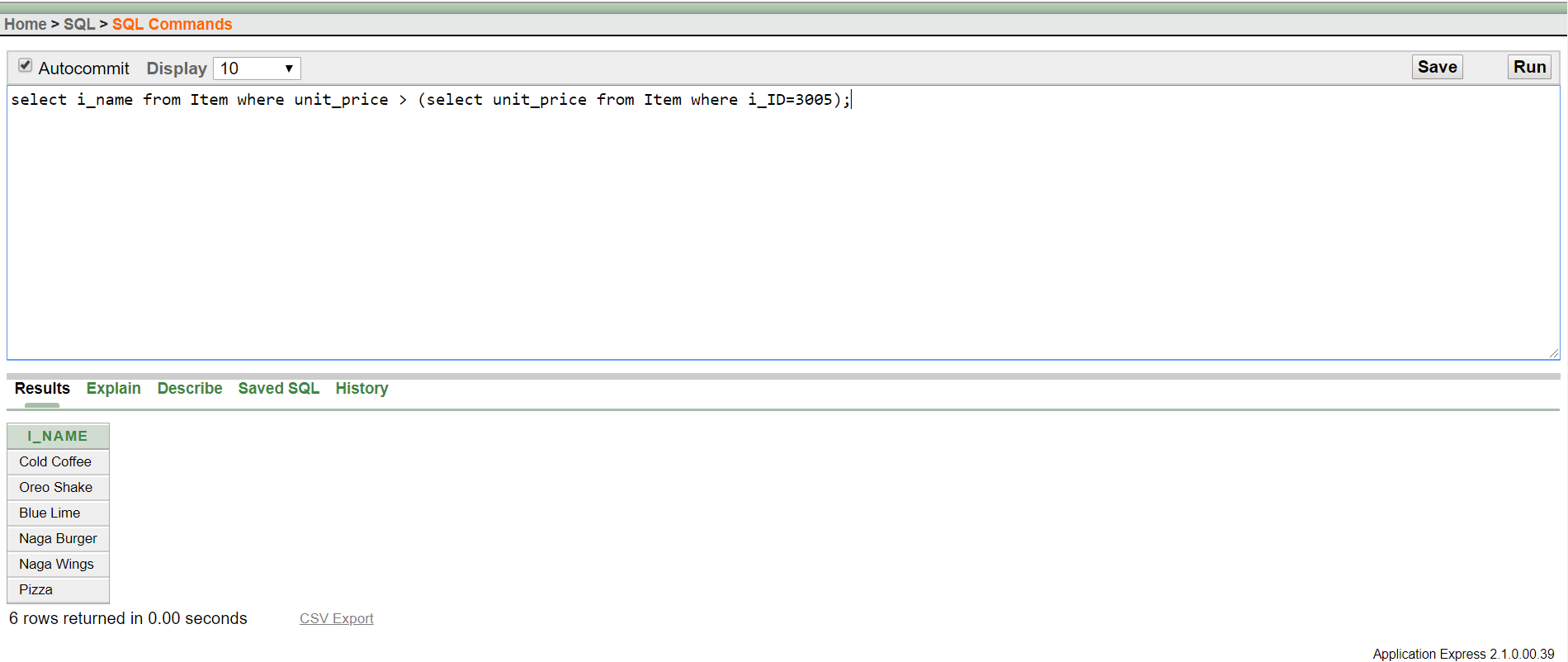
Ques: Find the role of employees who get more salary then e\_id= 075.

Ans: select role from Employee where salary > (select salary from Employee where e\_ID=075);



Ques: Find the name of items which prices is more then i\_id=3005.

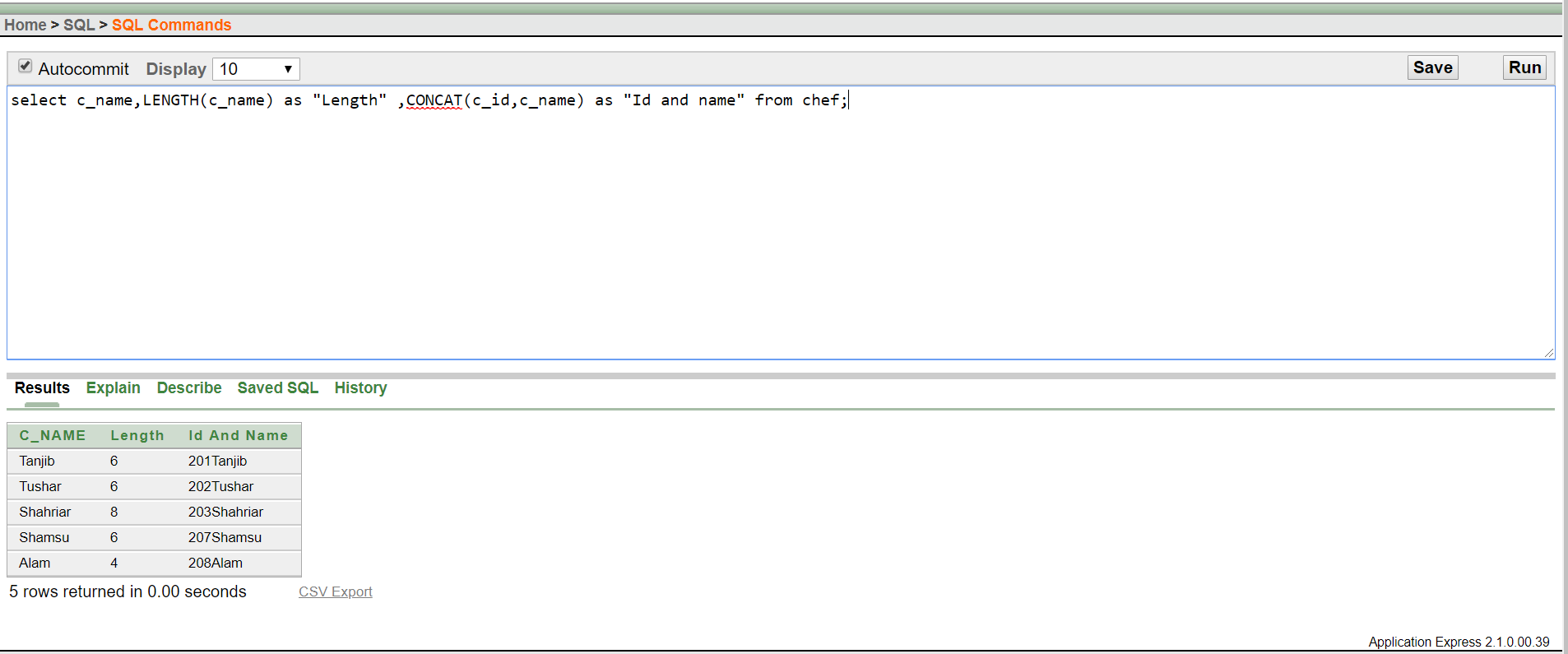
Ans: select i\_name from Item where unit\_price > (select unit\_price from Item where i\_ID=3005);



**Joining:**

Ques: Show the length of chef name and join their id and name.

Ans: select c\_name,LENGTH(c\_name) as "Length" ,CONCAT(c\_id,c\_name) as "Id and name" from chef;



Ques: Display the manager ID and his chef name.

Ans: select Manager.m\_id, Chef.c\_name from Manager, chef where Manager.m\_ID= Chef.m\_ID;

