

Creating Owner Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

Create table Owner (

```
Owner_ID Number(10) constraint Owner_Owner_id_pk Primary key,  
Owner_Name Varchar2(20) Not Null,  
Owner_Phone Number(20) Unique,  
Owner_Address Varchar2(20),  
Owner_Email Varchar2(30));
```

desc owner

Results Explain Describe Saved SQL History

Object Type TABLE Object OWNER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
OWNER	OWNER_ID	Number	-	10	0	1	-	-	-
	OWNER_NAME	Varchar2	20	-	-	-	-	-	-
	OWNER_PHONE	Number	-	20	0	-	✓	-	-
	OWNER_ADDRESS	Varchar2	20	-	-	-	✓	-	-
	OWNER_EMAIL	Varchar2	30	-	-	-	✓	-	-
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Inserting Owner Table

ORACLE® Database Express Edition

User: HR

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Create table Owner (

```
Owner_ID Number(10) constraint Owner_Owner_id_pk Primary key,  
Owner_Name Varchar2(20) Not Null,  
Owner_Phone Number(20) Unique,  
Owner_Address Varchar2(20),  
Owner_Email Varchar2(30));
```

```
Insert into Owner (Owner_ID,Owner_Name,Owner_Address,Owner_Email,Owner_Phone) values (111,'Farhana','Dhaka','Farhana@gmail',8801234)  
Insert into Owner (Owner_ID,Owner_Name,Owner_Address,Owner_Email,Owner_Phone) values (112,'Mithila','Uttara','Mithita@gmail',8801235)  
Insert into Owner (Owner_ID,Owner_Name,Owner_Address,Owner_Email,Owner_Phone) values (113,'Ferdousy','Mohammadpur','Ferdousy@gmail',8801236)  
Insert into Owner (Owner_ID,Owner_Name,Owner_Address,Owner_Email,Owner_Phone) values (114,'Mitanur','Gulshan','Mitanur@gmail',8801237)  
Insert into Owner (Owner_ID,Owner_Name,Owner_Address,Owner_Email,Owner_Phone) values (115,'Trinita','Banani','Trinita@gmail',8801238)
```

select* from Owner

Results Explain Describe Saved SQL History

OWNER_ID	OWNER_NAME	OWNER_PHONE	OWNER_ADDRESS	OWNER_EMAIL
111	Farhana	8801234	Dhaka	Farhana@gmail
112	Mithila	8801235	Uttara	Mithita@gmail
113	Ferdousy	8801236	Mohammadpur	Ferdousy@gmail
114	Mitanur	8801237	Gulshan	Mitanur@gmail
115	Trinita	8801238	Banani	Trinita@gmail

5 rows returned in 0.02 seconds

[CSV Export](#)

Creating Manager Table

ORACLE Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10

```
Create table Manager (  
  
  Manager_ID Number(10) constraint Manager_Manager_id_pk Primary key,  
  Manager_Name Varchar2(20) Not Null,  
  Manager_Phone Number(20) Unique,  
  Manager_Address Varchar2(30),  
  Manager_Email Varchar2(30) Not Null,  
  Manager_Salary Number(20) default 0,  
  Owner_ID Number(10) constraint Manager_Owner_id_fk References Owner(Owner_ID));  
Desc Manager
```

Results Explain Describe Saved SQL History

Object Type TABLE Object MANAGER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MANAGER	MANAGER_ID	Number	-	10	0	1	-	-	-
	MANAGER_NAME	Varchar2	20	-	-	-	-	-	-
	MANAGER_PHONE	Number	-	20	0	-	✓	-	-
	MANAGER_ADDRESS	Varchar2	30	-	-	-	✓	-	-
	MANAGER_EMAIL	Varchar2	30	-	-	-	-	-	-
	MANAGER_SALARY	Number	-	20	0	-	✓	0	-
	OWNER_ID	Number	-	10	0	-	✓	-	-
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Inserting Manager Table

ORACLE Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10

```
Create table Manager (  
  
  Manager_ID Number(10) constraint Manager_Manager_id_pk Primary key,  
  Manager_Name Varchar2(20) Not Null,  
  Manager_Phone Number(20) Unique,  
  Manager_Address Varchar2(30),Manager_Email Varchar2(30) Not Null,  
  Manager_Salary Number(20) default 0,Owner_ID Number(10) constraint Manager_Owner_id_fk References Owner(Owner_ID));  
Desc Manager  
  
insert into Manager(Manager_ID,Manager_Name,Manager_Address,Manager_Email,Manager_Phone,Manager_salary,Owner_ID)  
  Values (01,'Sabbir','Uttara','Sabbir@gmail',88017123,10000,111);  
insert into Manager(Manager_ID,Manager_Name,Manager_Address,Manager_Email,Manager_Phone,Manager_salary,Owner_ID)  
  Values (02,'Mithun','Khilgau','Mithun@gmail',88017124,12000,112);  
insert into Manager(Manager_ID,Manager_Name,Manager_Address,Manager_Email,Manager_Phone,Manager_salary,Owner_ID)  
  Values (03,'Shakil','Uttara','Shakil@gmail',88017125,15000,113);  
insert into Manager(Manager_ID,Manager_Name,Manager_Address,Manager_Email,Manager_Phone,Manager_salary,Owner_ID)  
  Values (04,'Pabon','Bashundhara','pabon@gmail',88017126,16000,114);  
insert into Manager(Manager_ID,Manager_Name,Manager_Address,Manager_Email,Manager_Phone,Manager_salary,Owner_ID)  
  Values (05,'Tonoy','Gulshan','tonoy@gmail',88017127,19000,115);  
select* from manager
```

Results Explain Describe Saved SQL History

MANAGER_ID	MANAGER_NAME	MANAGER_PHONE	MANAGER_ADDRESS	MANAGER_EMAIL	MANAGER_SALARY	OWNER_ID
1	Sabbir	88017123	Uttara	Sabbir@gmail	10000	111
2	Mithun	88017124	Khilgau	Mithun@gmail	12000	112
3	Shakil	88017125	Uttara	Shakil@gmail	15000	113
4	Pabon	88017126	Bashundhara	pabon@gmail	16000	114
5	Tonoy	88017127	Gulshan	tonoy@gmail	19000	115

5 rows returned in 0.00 seconds

[CSV Export](#)

Creating Region Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Region (  
Area_Code Number(10) constraint Region_Area_code_pk Primary Key,  
City Varchar2(20) not NULL ,  
Country Varchar2(20) Not NULL );  
Desc region
```

Results Explain Describe Saved SQL History

Object Type TABLE Object REGION

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
REGION	AREA_CODE	Number	-	10	0	1	-	-	-
	CITY	Varchar2	20	-	-	-	-	-	-
	COUNTRY	Varchar2	20	-	-	-	-	-	-
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Inserting Region Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Region (  
Area_Code Number(10) constraint Region_Area_code_pk Primary Key,  
City Varchar2(20) not NULL ,  
Country Varchar2(20) Not NULL );  
Desc region
```

```
insert into Region (Area_Code,City,Country) values (1200,'Dhaka','Bangladesh')  
insert into Region (Area_Code,City,Country) values (1230,'Uttara','Bangladesh')  
insert into Region (Area_Code,City,Country) values (1212,'Gulshan','Bangladesh')  
insert into Region (Area_Code,City,Country) values (1210,'Banani','Bangladesh')  
insert into Region (Area_Code,City,Country) values (1220,'Khilkhhet','Bangladesh')  
select * from region
```

Results Explain Describe Saved SQL History

AREA_CODE	CITY	COUNTRY
1200	Dhaka	Bangladesh
1230	Uttara	Bangladesh
1212	Gulshan	Bangladesh
1210	Banani	Bangladesh
1220	Khilkhhet	Bangladesh

5 rows returned in 0.00 seconds

[CSV Export](#)

Creating Employee Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

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```
Create table Employee (  
Employee_ID Number(10) constraint Employee_Employee_id_pk Primary key,  
Employee_Name Varchar2(20) Not Null,  
Employee_Phone Number(20) Unique,  
Employee_Salary Number(20) Default 0,  
Area_Code Number(10) constraint Employee_Area_code_fk References Region (Area_Code),  
Manager_ID Number(20) Constraint Employee_Manager_id_fk References Manager(Manager_ID));
```

Desc Employee

Results Explain Describe Saved SQL History

Object Type TABLE Object EMPLOYEE

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMPLOYEE	EMPLOYEE_ID	Number	-	10	0	1	-	-	-
	EMPLOYEE_NAME	Varchar2	20	-	-	-	-	-	-
	EMPLOYEE_PHONE	Number	-	20	0	-	✓	-	-
	EMPLOYEE_SALARY	Number	-	20	0	-	✓	0	-
	AREA_CODE	Number	-	10	0	-	✓	-	-
	MANAGER_ID	Number	-	20	0	-	✓	-	-
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Inserting Employee Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Employee (  
Employee_ID Number(10) constraint Employee_Employee_id_pk Primary key,  
Employee_Name Varchar2(20) Not Null,  
Employee_Phone Number(20) Unique,  
Employee_Salary Number(20) Default 0,  
Area_Code Number(10) constraint Employee_Area_code_fk References Region (Area_Code),  
Manager_ID Number(20) Constraint Employee_Manager_id_fk References Manager(Manager_ID));  
Desc Employee
```

```
insert into Employee (Employee_ID,Employee_Name,Employee_Phone,Employee_Salary,Area_Code,Manager_ID) Values(123,'Jarina',012752,5000,1200,01)  
insert into Employee (Employee_ID,Employee_Name,Employee_Phone,Employee_Salary,Area_Code,Manager_ID) Values(124,'Sumaiya',016322,3400,1230,02)  
insert into Employee (Employee_ID,Employee_Name,Employee_Phone,Employee_Salary,Area_Code,Manager_ID) Values(125,'Sokina',012842,5200,1212,03)  
insert into Employee (Employee_ID,Employee_Name,Employee_Phone,Employee_Salary,Area_Code,Manager_ID) Values(126,'Sifa',012229,4500,1210,04)  
insert into Employee (Employee_ID,Employee_Name,Employee_Phone,Employee_Salary,Area_Code,Manager_ID) Values(127,'Tamanna',012252,4000,1220,05)  
select * from employee
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	EMPLOYEE_NAME	EMPLOYEE_PHONE	EMPLOYEE_SALARY	AREA_CODE	MANAGER_ID
123	Jarina	12752	5000	1200	1
124	Sumaiya	16322	3400	1230	2
125	Sokina	12842	5200	1212	3
126	Sifa	12229	4500	1210	4
127	Tamanna	12252	4000	1220	5

5 rows returned in 0.00 seconds

CSV Export

Creating Customer Table

ORACLE Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10

```
Create Table Customer(  
customer_no number (20)constraint Customer_no_pk primary key,  
customer_name varchar2(20) not NULL,  
customer_address varchar2(20) unique,  
customer_phone number(20)unique);  
desc customer
```

Results Explain Describe Saved SQL History

Object Type TABLE Object CUSTOMER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CUSTOMER	CUSTOMER_NO	Number	-	20	0	1	-	-	-
	CUSTOMER_NAME	Varchar2	20	-	-	-	-	-	-
	CUSTOMER_ADDRESS	Varchar2	20	-	-	-	✓	-	-
	CUSTOMER_PHONE	Number	-	20	0	-	✓	-	-

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Inserting Customer Table

ORACLE Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10

```
Create Table Customer(  
customer_no number (20)constraint Customer_no_pk primary key,  
customer_name varchar2(20) not NULL,  
customer_address varchar2(20) unique,  
customer_phone number(20) unique);  
desc customer
```

```
Insert into Customer(Customer_No,Customer_Name,Customer_Address,Customer_Phone) values(1001,'Rakha','Uttara',01238)  
Insert into Customer(Customer_No,Customer_Name,Customer_Address,Customer_Phone) values(1002,'Milly','Tongi',01133)  
Insert into Customer(Customer_No,Customer_Name,Customer_Address,Customer_Phone) values(1003,'Lucky','Gazipur',01548)  
Insert into Customer(Customer_No,Customer_Name,Customer_Address,Customer_Phone) values(1004,'Tartila','Gulshan',01438)  
Insert into Customer(Customer_No,Customer_Name,Customer_Address,Customer_Phone) values(1005,'Falguni','Banani',01274)  
select*from customer
```

Results Explain Describe Saved SQL History

CUSTOMER_NO	CUSTOMER_NAME	CUSTOMER_ADDRESS	CUSTOMER_PHONE
1001	Rakha	Uttara	1238
1002	Milly	Tongi	1133
1003	Lucky	Gazipur	1548
1004	Tartila	Gulshan	1438
1005	Falguni	Banani	1274

5 rows returned in 0.02 seconds

[CSV Export](#)

Creating Cashier Table

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

Create table Cashier (

```
Cashier_ID Number(10) constraint Cashier_Cashier_id_pk Primary key,  
Cashier_Name Varchar2(20) Not Null,  
Cashier_Phone Number(20) Unique,  
Cashier_Address Varchar2(10) ,  
Cashier_Salary Number(20) Default 0,  
Manager_ID Number(10) constraint Cashier_Manager_id_fk References Manager (Manager_ID),  
Customer_No Number(10) Constraint Cashier_Customer_id_fk References Customer (Customer_No));
```

desc Cashier

Results Explain Describe Saved SQL History

Object Type TABLE Object CASHIER

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CASHIER	CASHIER_ID	Number	-	10	0	1	-	-	-
	CASHIER_NAME	Varchar2	20	-	-	-	-	-	-
	CASHIER_PHONE	Number	-	20	0	-	✓	-	-
	CASHIER_ADDRESS	Varchar2	10	-	-	-	✓	-	-
	CASHIER_SALARY	Number	-	20	0	-	✓	0	-
	MANAGER_ID	Number	-	10	0	-	✓	-	-
	CUSTOMER_NO	Number	-	10	0	-	✓	-	-
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Inserting Cashier Table

ORACLE Database Express Edition

Home Logout

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

Save

```
Create table Cashier ( Cashier_ID Number(10) constraint Cashier_Cashier_id_pk Primary key, Cashier_Name Varchar2(20) Not Null,Cashier_Phone Number(20) Unique,  
Cashier_Address Varchar2(10) ,Cashier_Salary Number(20) Default 0,  
Manager_ID Number(10) constraint Cashier_Manager_id_fk References Manager (Manager_ID),  
Customer_No Number(10) Constraint Cashier_Customer_id_fk References Customer (Customer_No));  
desc Cashier
```

```
Insert into Cashier(Cashier_ID,Cashier_Name,Cashier_Phone,Cashier_Address ,Cashier_Salary,Manager_ID,Customer_No)  
Values (401,'Shimul',3341909,'Bashabo',6000,01,1001)  
Insert into Cashier(Cashier_ID,Cashier_Name,Cashier_Phone,Cashier_Address ,Cashier_Salary,Manager_ID,Customer_No)  
Values (402,'Fariha',2244300,'Madartek',6500,02,1002)  
Insert into Cashier(Cashier_ID,Cashier_Name,Cashier_Phone,Cashier_Address ,Cashier_Salary,Manager_ID,Customer_No)  
Values (403,'Samia',1012555,'Dhanmondi',5000,03,1003)  
Insert into Cashier(Cashier_ID,Cashier_Name,Cashier_Phone,Cashier_Address ,Cashier_Salary,Manager_ID,Customer_No)  
Values (404,'Mehrab',3304401,'Rampura',7000,04,1004)  
Insert into Cashier(Cashier_ID,Cashier_Name,Cashier_Phone,Cashier_Address ,Cashier_Salary,Manager_ID,Customer_No)  
Values(405,'Tasnia',6575985,'Uttara',5500,05,1005)  
select*from cashier
```

Results Explain Describe Saved SQL History

CASHIER_ID	CASHIER_NAME	CASHIER_PHONE	CASHIER_ADDRESS	CASHIER_SALARY	MANAGER_ID	CUSTOMER_NO
401	Shimul	3341909	Bashabo	6000	1	1001
402	Fariha	2244300	Madartek	6500	2	1002
403	Samia	1012555	Dhanmondi	5000	3	1003
404	Mehrab	3304401	Rampura	7000	4	1004
405	Tasnia	6575985	Uttara	5500	5	1005

5 rows returned in 0.00 seconds

CSV Export

Creating Emp_Cus Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Emp_Cus(  
EC_ID Number(20) constraint Emp_Cus_EC_ID_pk Primary key,  
Employee_ID Number(10) constraint Emp_Cus_Employee_id_fk References Employee (Employee_ID),  
Customer_No number(20) constraint Emp_Cus_Customer_no_fk References Customer (Customer_No));  
  
desc Emp_Cus
```

Results Explain Describe Saved SQL History

Object Type TABLE Object EMP_CUS

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMP_CUS	EC_ID	Number	-	20	0	1	-	-	-
	EMPLOYEE_ID	Number	-	10	0	-	✓	-	-
	CUSTOMER_NO	Number	-	20	0	-	✓	-	-
1 - 3									

Inserting Emp_Cus Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Emp_Cus(  
EC_ID Number(20) constraint Emp_Cus_EC_ID_pk Primary key,  
Employee_ID Number(10) constraint Emp_Cus_Employee_id_fk References Employee (Employee_ID),  
Customer_No number(20) constraint Emp_Cus_Customer_no_fk References Customer (Customer_No));  
desc Emp_Cus  
  
Insert into Emp_cus(EC_ID,Employee_ID,Customer_No) Values (2001,123,1001)  
Insert into Emp_cus(EC_ID,Employee_ID,Customer_No) Values (2002,124,1002)  
Insert into Emp_cus(EC_ID,Employee_ID,Customer_No) Values (2003,125,1003)  
Insert into Emp_cus(EC_ID,Employee_ID,Customer_No) Values (2004,126,1004)  
Insert into Emp_cus(EC_ID,Employee_ID,Customer_No) Values (2005,127,1005)  
Select * from Emp_Cus
```

Results Explain Describe Saved SQL History

EC_ID	EMPLOYEE_ID	CUSTOMER_NO
2001	123	1001
2002	124	1002
2003	125	1003
2004	126	1004
2005	127	1005

5 rows returned in 0.00 seconds

[CSV Export](#)

Creating Service Table

ORACLE® Database Express Edition

User: HR

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Service (  
  
Service_No Number(20) constraint Service_Service_No_pk Primary key,  
Service_Name Varchar2(20) Not Null,  
Duration Number(20,2),  
Price Number(20,2));  
  
desc service
```

Results Explain Describe Saved SQL History

Object Type TABLE Object SERVICE

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
SERVICE	SERVICE_NO	Number	-	20	0	1	-	-	-
	SERVICE_NAME	Varchar2	20	-	-	-	-	-	-
	DURATION	Number	-	20	2	-	✓	-	-
	PRICE	Number	-	20	2	-	✓	-	-
									1 - 4

Inserting Service Table

Home > SQL > SQL Commands

☒ Autocommit Display 10 ▼

```
Create table Service (  
Service_No Number(20) constraint Service_Service_No_pk Primary key,  
Service_Name Varchar2(20) Not Null,  
Duration Number(20,2),  
Price Number(20,2));  
desc service  
  
Insert into Service(Service_No,Service_Name,Duration,Price) Values (10,'Bridal_Makeup',3,7000)  
Insert into Service(Service_No,Service_Name,Duration,Price) Values (11,'Party_Makeup',2,4000)  
Insert into Service(Service_No,Service_Name,Duration,Price) Values (12,'Hair_Cutting',1,500)  
Insert into Service(Service_No,Service_Name,Duration,Price) Values (13,'Facial',1,600)  
Insert into Service(Service_No,Service_Name,Duration,Price) Values (14,'Spa',2,2000)  
Select * from Service
```

Results Explain Describe Saved SQL History

SERVICE_NO	SERVICE_NAME	DURATION	PRICE
10	Bridal_Makeup	3	7000
11	Party_Makeup	2	4000
12	Hair_Cutting	1	500
13	Facial	1	600
14	Spa	2	2000

5 rows returned in 0.00 seconds

[CSV Export](#)

Creating Ser_Cus Table

ORACLE® Database Express Edition

User: HR

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
Create table Ser_Cus(  
SC_No Number(20) constraint Ser_Cus_SC_No_pk Primary key,  
Service_No Number(20) constraint Ser_Cus_Service_no_fk References Service (Service_No),  
Customer_No number(20) constraint Ser_Cus_Customer_no_fk References Customer (Customer_No));  
  
desc Ser_Cus
```

Results Explain Describe Saved SQL History

Object Type **TABLE** Object **SER_CUS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
SER_CUS	SC_NO	Number	-	20	0	1	-	-	-
	SERVICE_NO	Number	-	20	0	-	✓	-	-
	CUSTOMER_NO	Number	-	20	0	-	✓	-	-
									1 - 3

Inserting Ser_Cus Table

ORACLE® Database Express Edition

User: HR

Home > SQL > **SQL Commands**

☒ Autocommit Display 10 ▼

```
Create table Ser_Cus(  
SC_No Number(20) constraint Ser_Cus_SC_No_pk Primary key,  
Service_No Number(20) constraint Ser_Cus_Service_no_fk References Service (Service_No),  
Customer_No number(20) constraint Ser_Cus_Customer_no_fk References Customer (Customer_No));  
desc Ser_Cus  
  
Insert into Ser_Cus (SC_No,Service_No,Customer_No) Values (510,10,1001)  
Insert into Ser_Cus (SC_No,Service_No,Customer_No) Values (511,11,1002)  
Insert into Ser_Cus (SC_No,Service_No,Customer_No) Values (512,12,1003)  
Insert into Ser_Cus (SC_No,Service_No,Customer_No) Values (513,13,1004)  
Insert into Ser_Cus (SC_No,Service_No,Customer_No) Values (514,14,1005)  
Select* from Ser_Cus
```

Results Explain Describe Saved SQL History

SC_NO	SERVICE_NO	CUSTOMER_NO
510	10	1001
511	11	1002
512	12	1003
513	13	1004
514	14	1005

5 rows returned in 0.01 seconds

[CSV Export](#)

