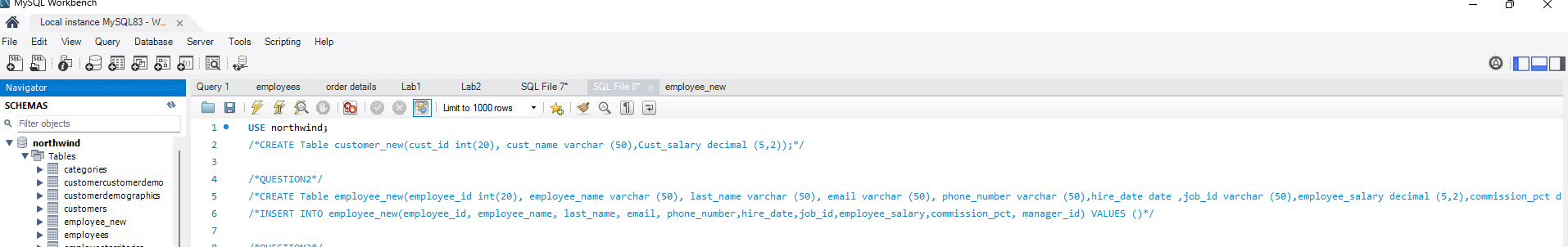
**Name: Omer Hafeez**

**Roll No: 22i 1859**

**Section: DS A**

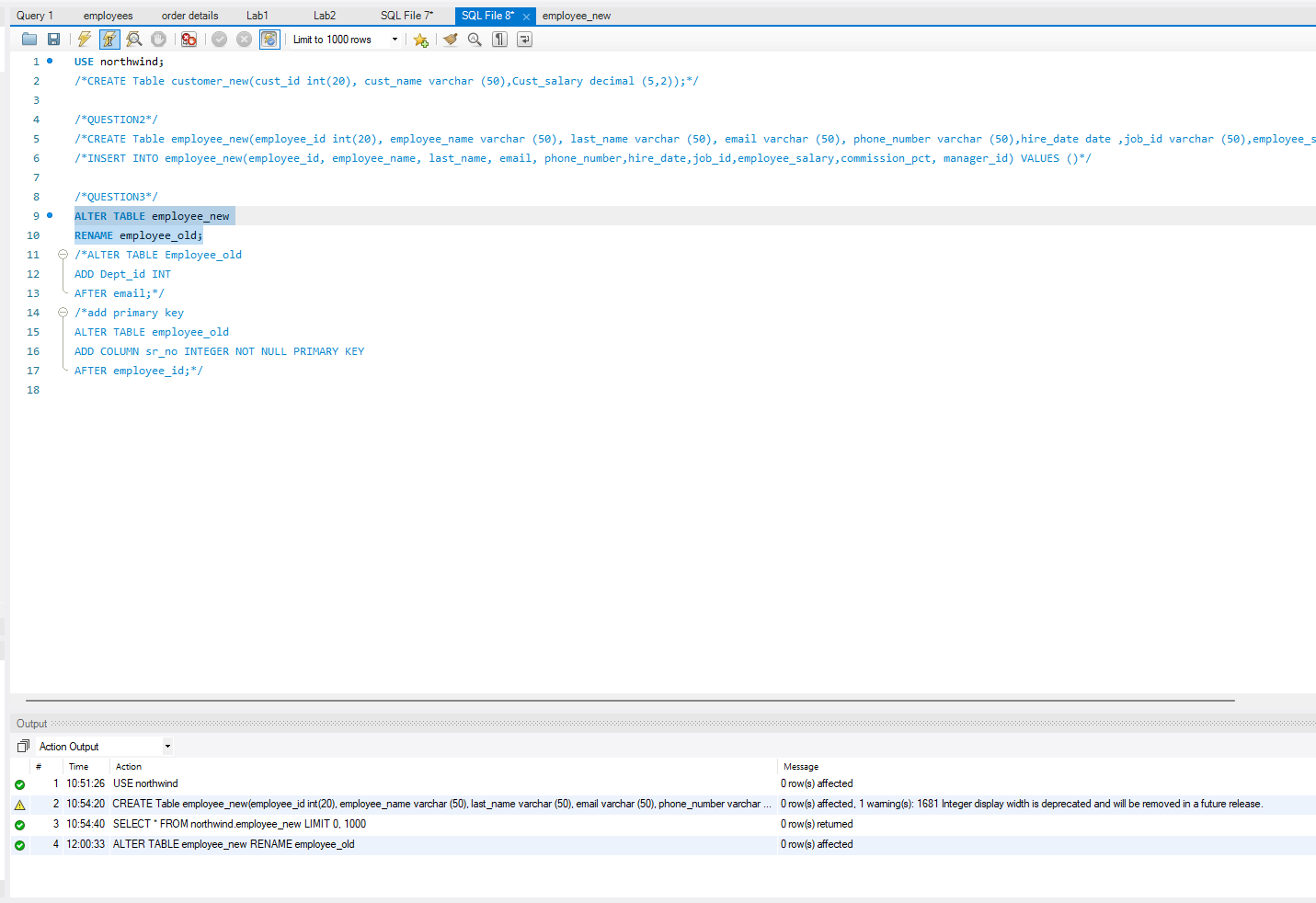
**2:**

**CREATE Table employee\_new(employee\_id int(20), employee\_name varchar (50), last\_name varchar (50), email varchar (50), phone\_number varchar (50),hire\_date date ,job\_id varchar (50),employee\_salary decimal (5,2),commission\_pct decimal (5,2), manager\_id int);**



3:

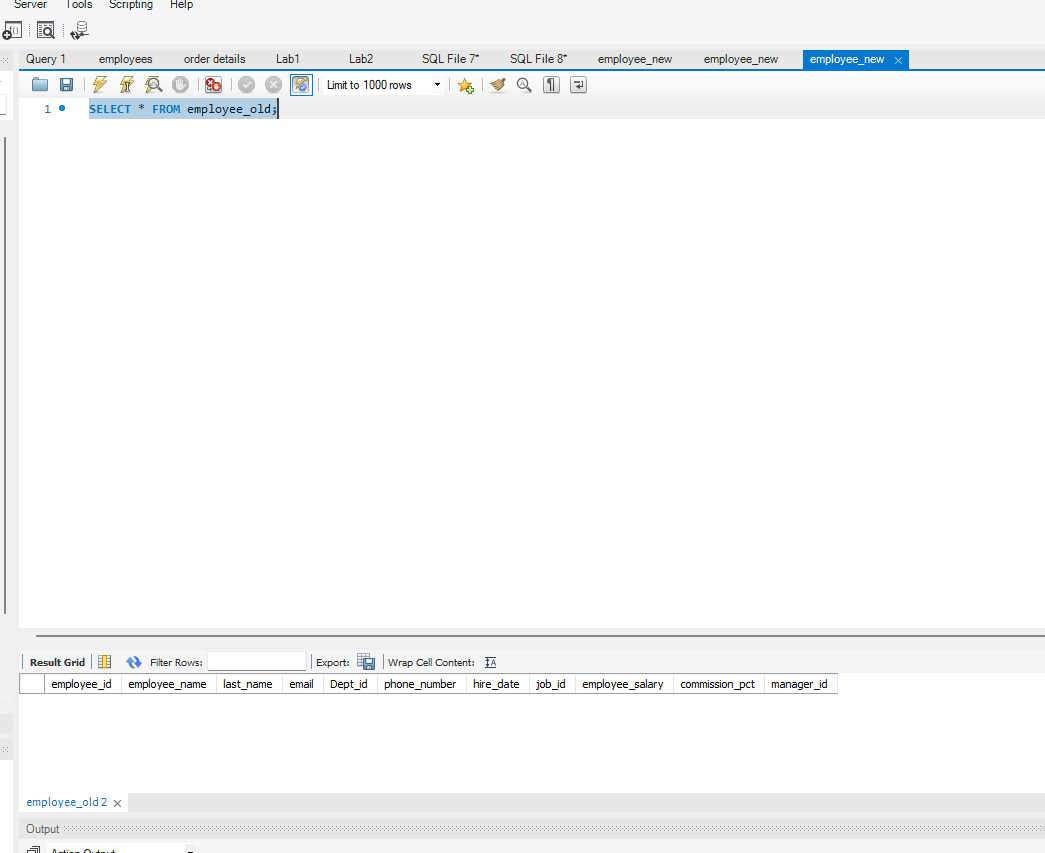
ALTER TABLE employee\_new

RENAME employee\_old;

ALTER TABLE Employee\_old

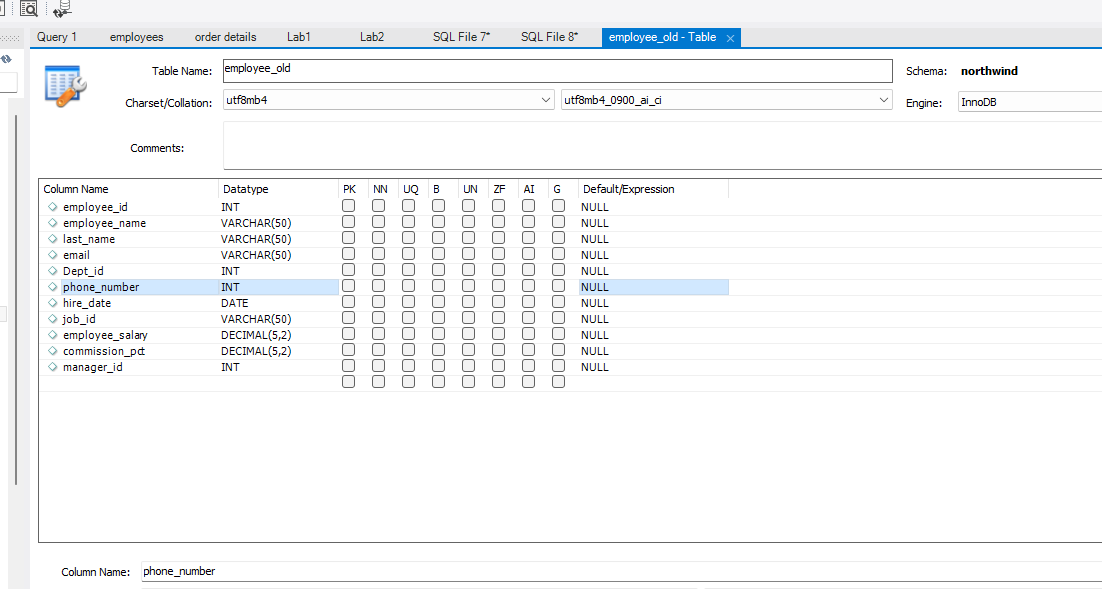
ADD Dept\_id INT

AFTER email;



ALTER TABLE employee\_old

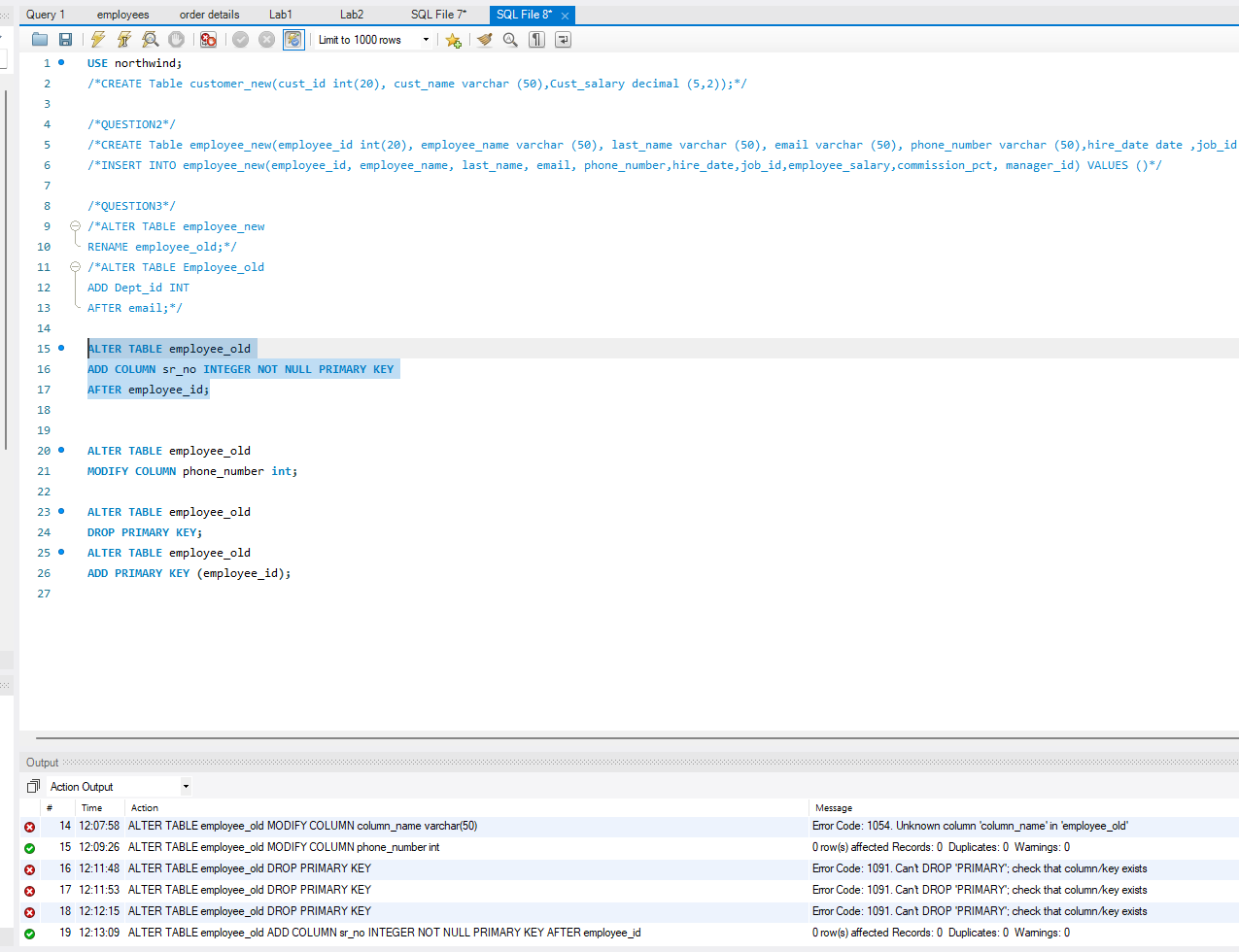
MODIFY COLUMN phone\_number int;



ALTER TABLE employee\_old

ADD COLUMN sr\_no INTEGER NOT NULL PRIMARY KEY

AFTER employee\_id;



ALTER TABLE employee\_old

DROP PRIMARY KEY;

ALTER TABLE employee\_old

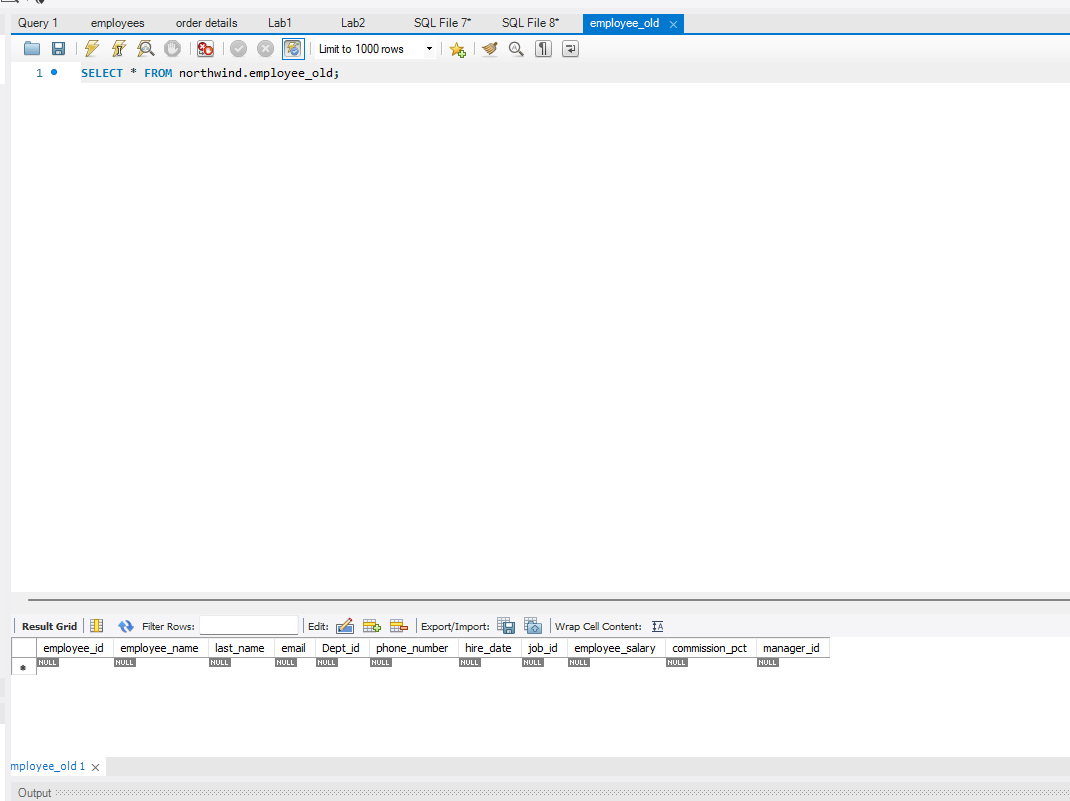
ADD PRIMARY KEY (employee\_id);

A screenshot of a computer

Description automatically generated

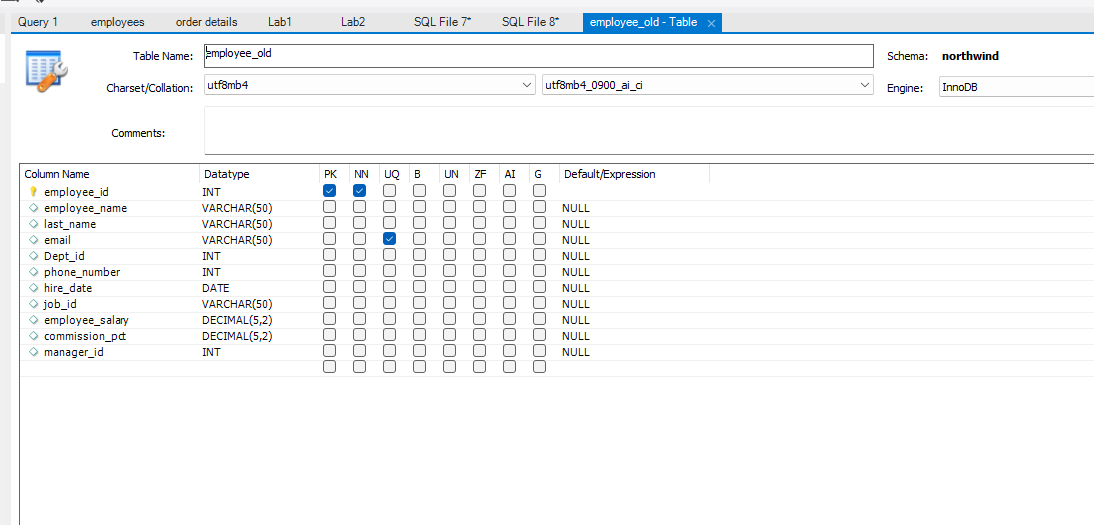
ALTER TABLE employee\_old

DROP sr\_no;



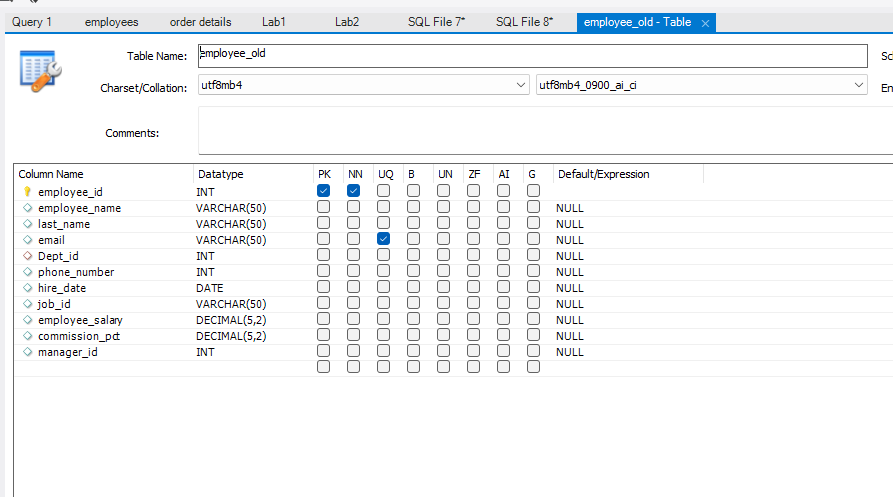
ALTER TABLE employee\_old

ADD CONSTRAINT email\_unique UNIQUE (email);\



ALTER TABLE employee\_old

ADD CONSTRAINT fk\_dp\_id FOREIGN KEY (dept\_id) REFERENCES orders(OrderID);



**4:**

INSERT INTO employee\_old(employee\_id, employee\_name, last\_name, email, phone\_number, hire\_date, job\_id, employee\_salary, commission\_pct, manager\_id)

VALUES

(100, 'Omer', 'Hafeez', 'ome', '1234', '1987-06-17', 'AD\_PRES', 310.00, 0.00, NULL),

(101, 'Abubakkar', 'Hafeez', 'bakkar', '5678', '1989-09-21', 'AD\_VP', 356.00, 0.00, 100),

(102, 'Usman', 'Hafeez', 'usm', '91011','1993-01-13', 'AD\_VP', 572.00, 0.00, 100),

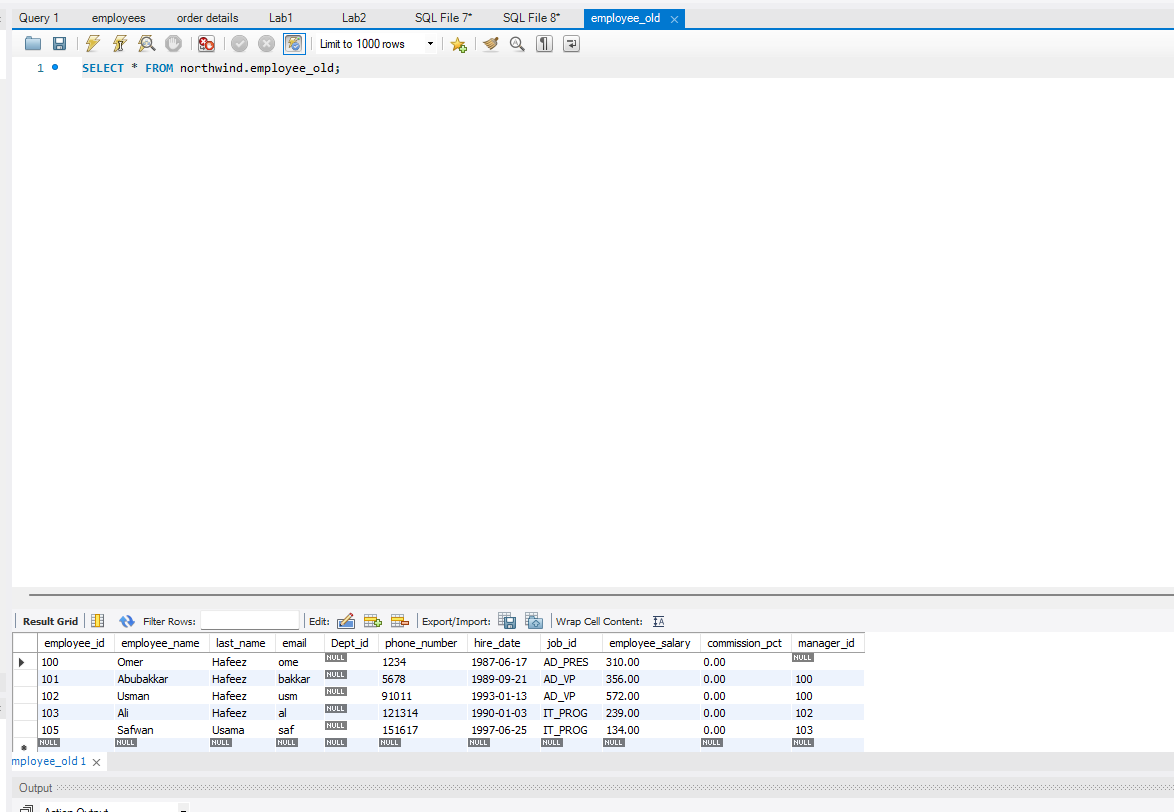
(103, 'Ali', 'Hafeez', 'al', '121314', '1990-01-03', 'IT\_PROG', 239.00, 0.00, 102),

(105, 'Safwan', 'Usama', 'saf', '5265', '1997-06-25', 'IT\_PROG', 134.00, 0.00, 103);

UPDATE employee\_old

SET phone\_number = 151617

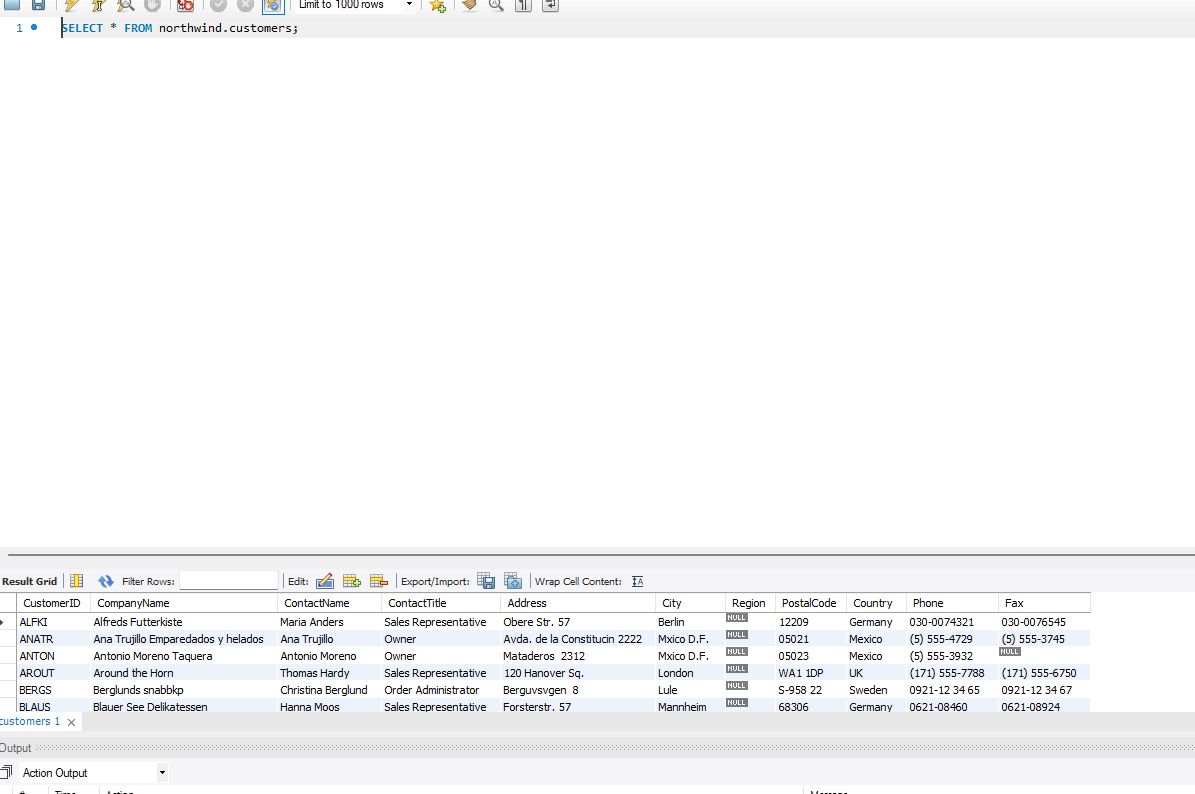
WHERE employee\_id = 105;



5:

INSERT INTO customers(CustomerID, CompanyName, ContactName, ContactTitle, Address, City, Region, PostalCode, Country, Phone, Fax)

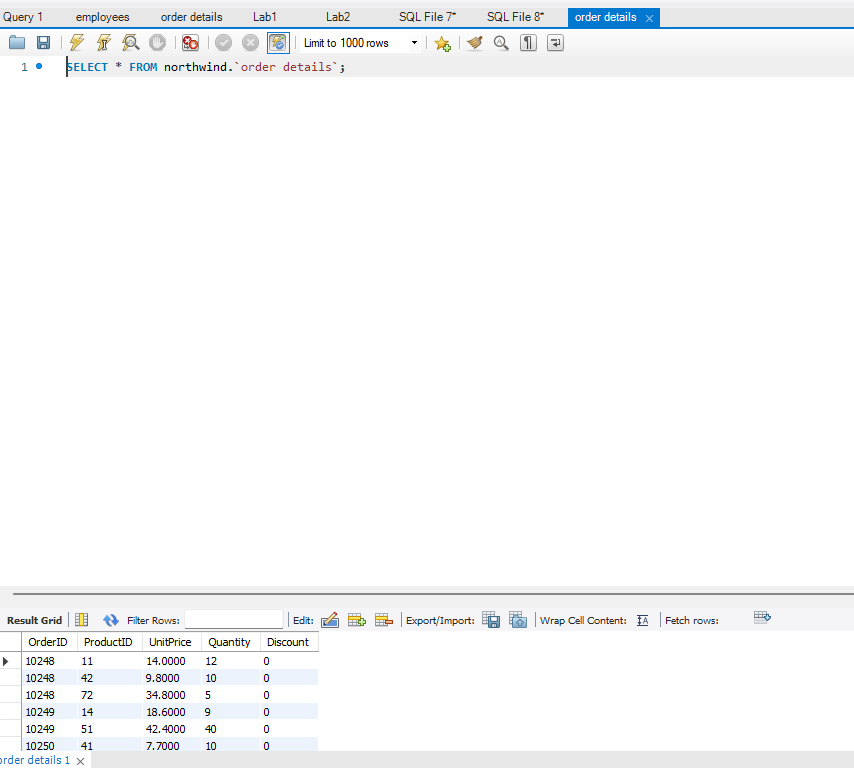
VALUES ('CUST1', 'Alfreds Futterkiste', 'Maria Anders', 'Sales Representative', 'Obere Str. 57', 'Berlin', NULL, '12209', 'Germany', '030-0074321', '030-0076545');



UPDATE `order details`

SET Quantity = 10

WHERE OrderID IN (SELECT OrderID FROM orders WHERE CustomerID IN (SELECT CustomerID FROM customers WHERE country = 'USA'));



DELETE FROM `order details`

WHERE OrderID IN (SELECT OrderID FROM orders WHERE CustomerID IN (SELECT CustomerID FROM customers WHERE country = 'USA') AND ShippedDate IS NULL);

