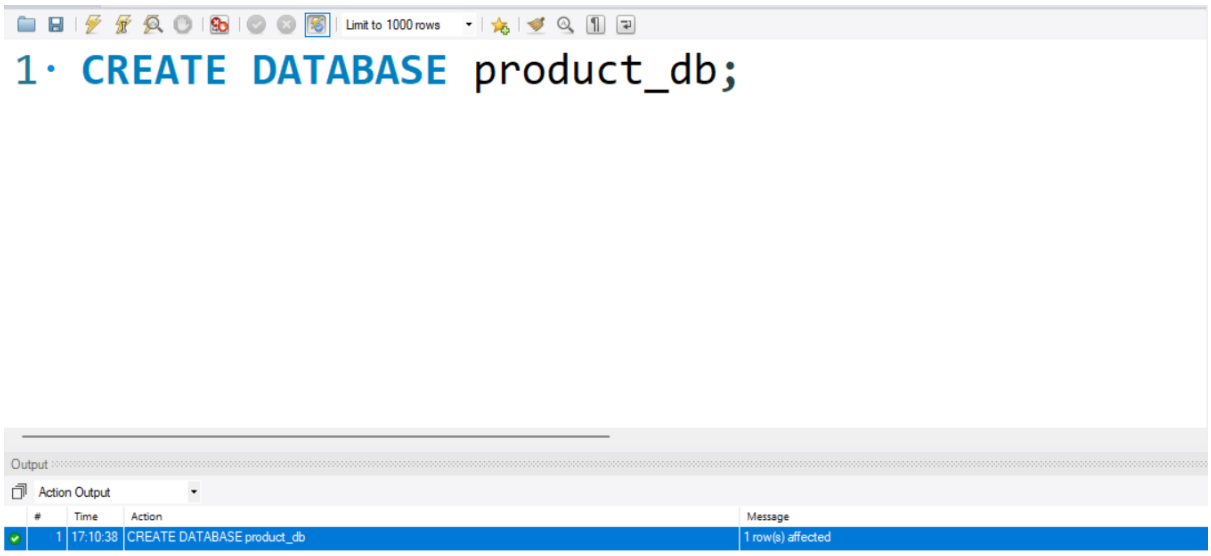
SESSION 1_TASK

**Question 1**:

Create a Database product_db.

ANSWER




**Question 2**:

Create a table with the name "product" with the following columns

product_id - integer

product - string - size 10

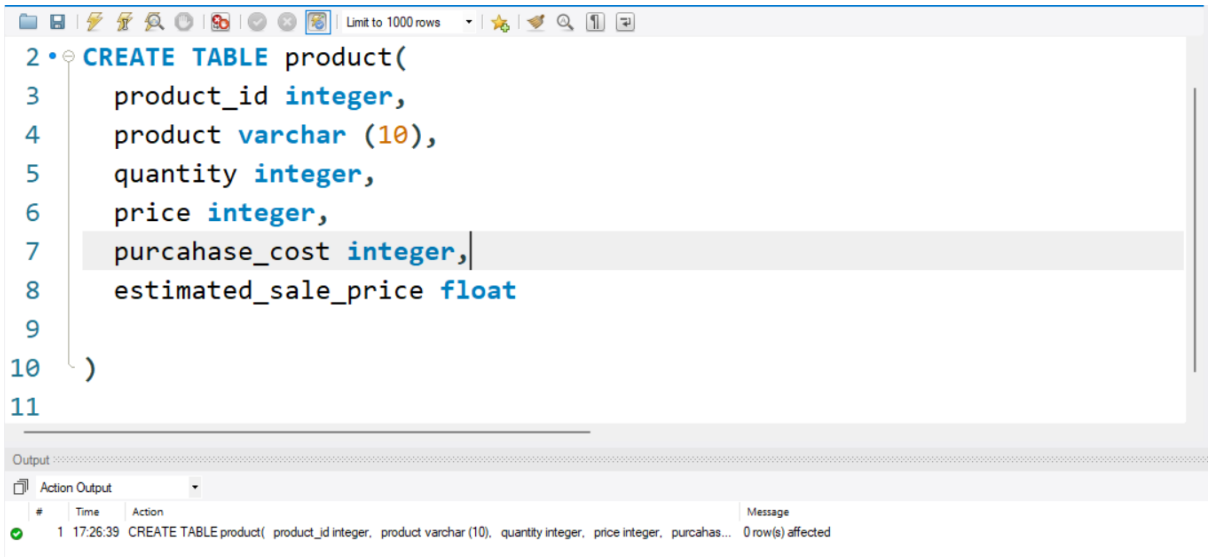
quantity - integer

price - integer

purcahase_cost - integer

estimated_sale_price – float

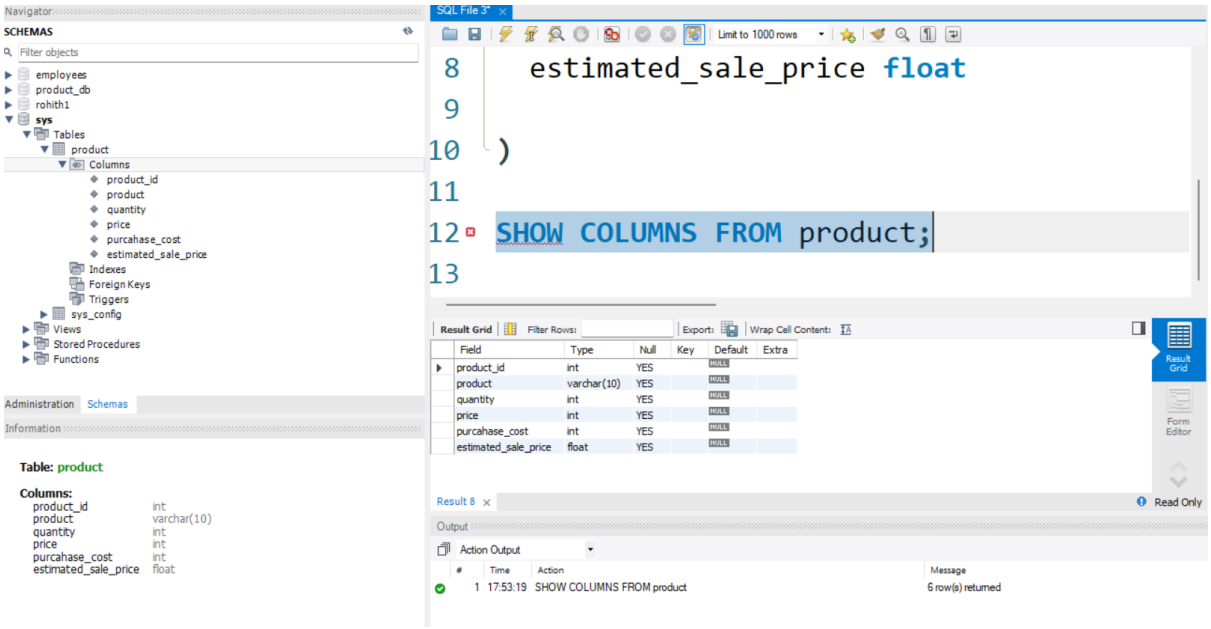
ANSWERS



**Question 3**:

Display all column names and their datatype and size in product.

**ANSWERS**




Question 4:

Insert the below two records into product table .

-- 1st record with values

-- product_id : 1

-- Product : PayCard

-- Quantity: 2

-- price : 300

-- Puchase_cost : 8000

-- estimated_sale_price: 9000.56

-- 2nd record with values --

-- product_id : 2

-- Product : PayPoints

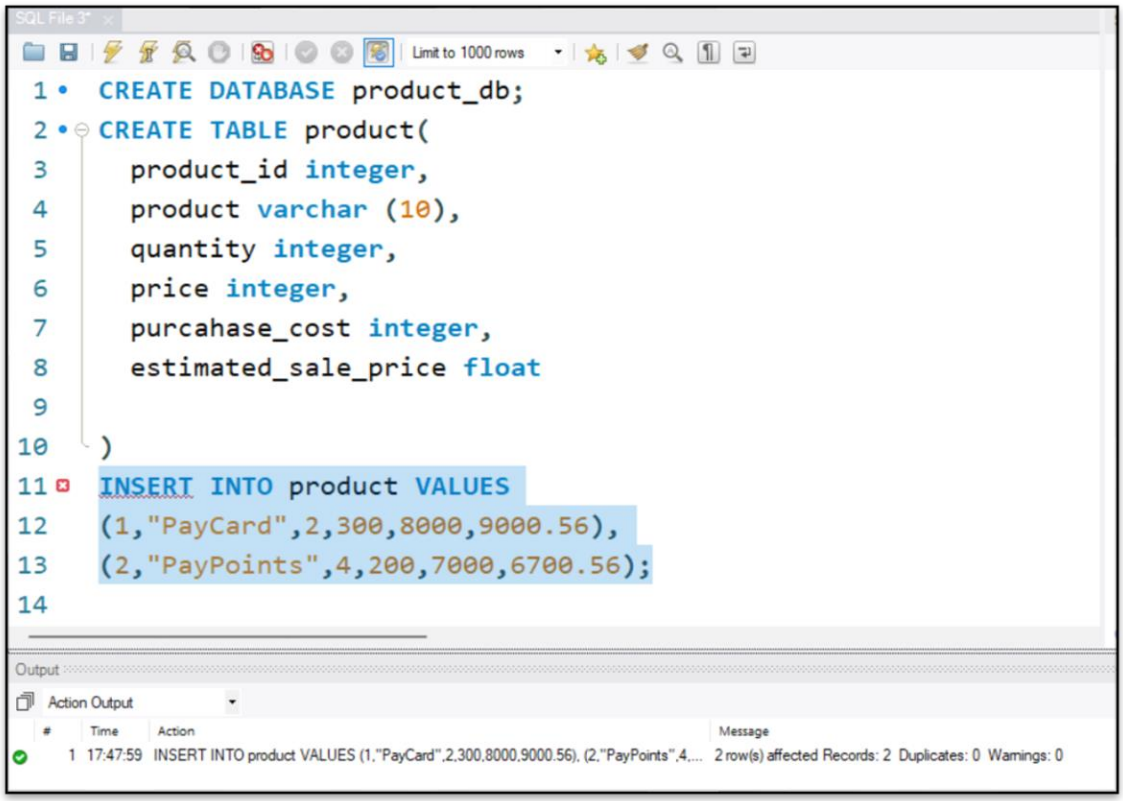
-- Quantity: 4

-- price : 200

-- Puchase_cost : 7000

-- estimated_sale_price: 6700.56

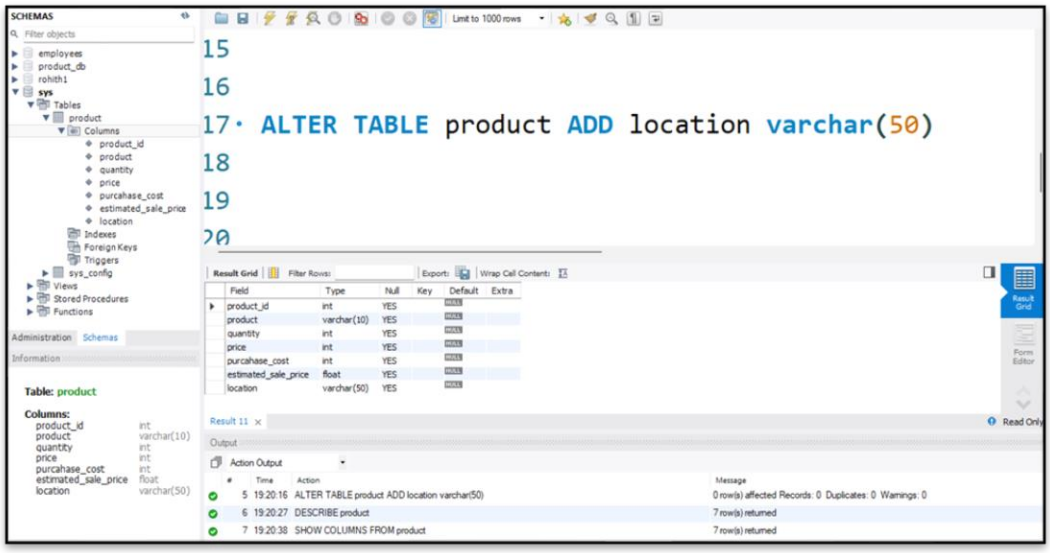
ANSWERS




**Question 5**:

Add a column : "location" to the existing product table with data type varchar and size 50

ANSWERS



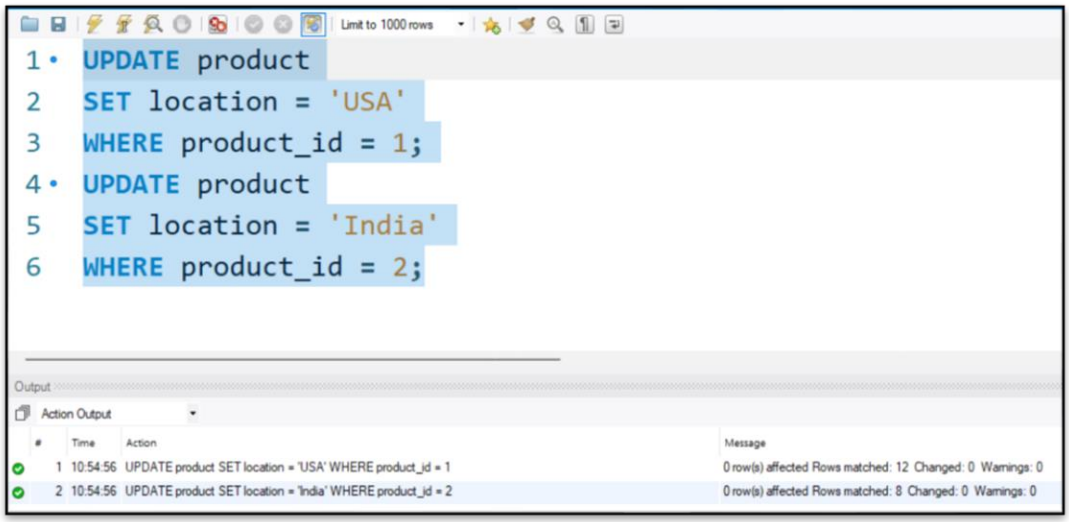
**Question 6**:

Update the value of the location

-- update location as USA for product_id = 1

-- update location as India for product_id = 2

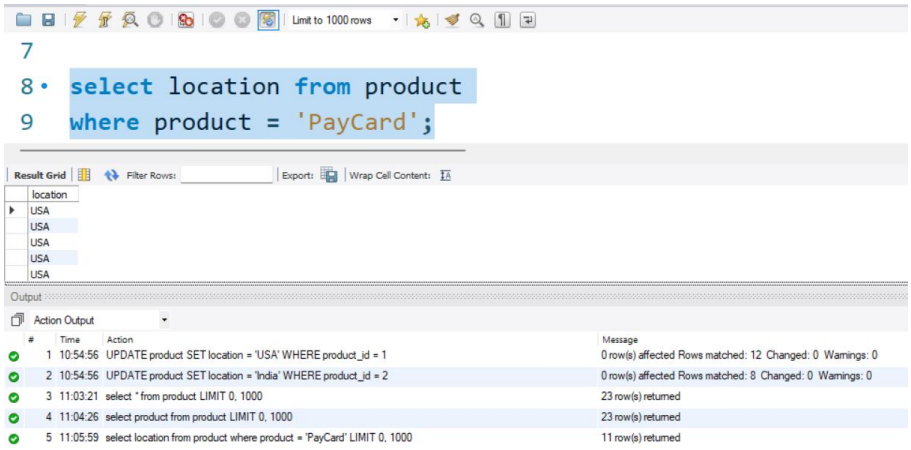
**ANSWERS**




**Question 7**:

What is the value of location for product : 'PayCard'?

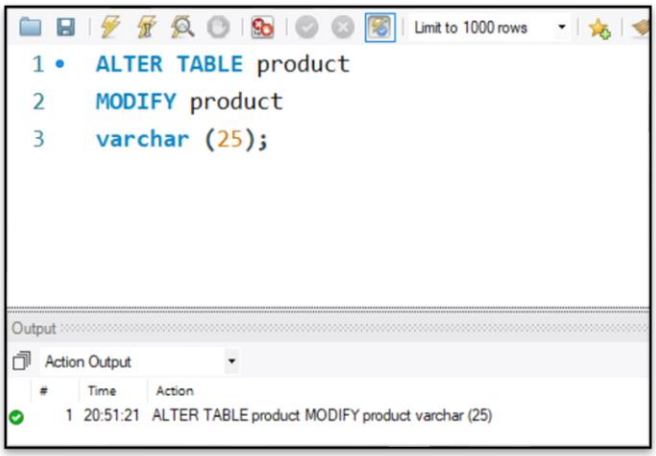
ANSWERS



**Question 8**:

update the product column to size of 25

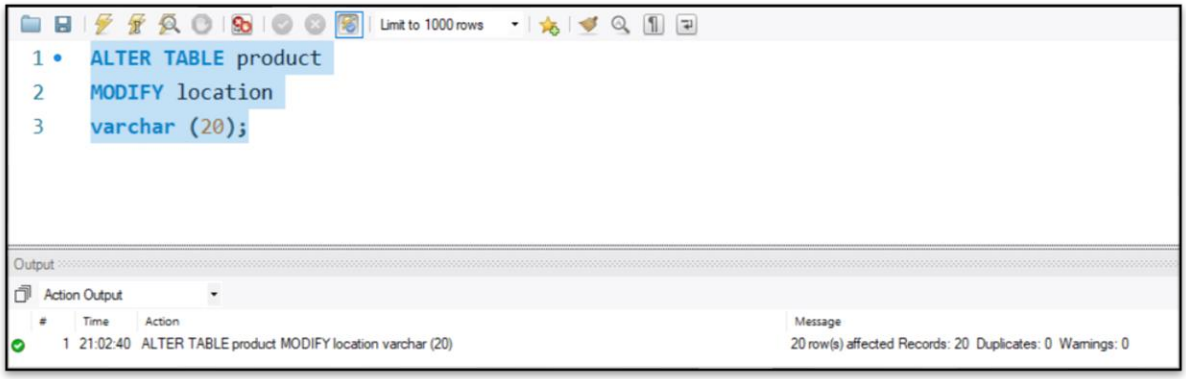
**ANSWERS**




**Question 9**:

Reduce the size of the location field from 50 to 20 and check if it is possible.

**ANSWERS**

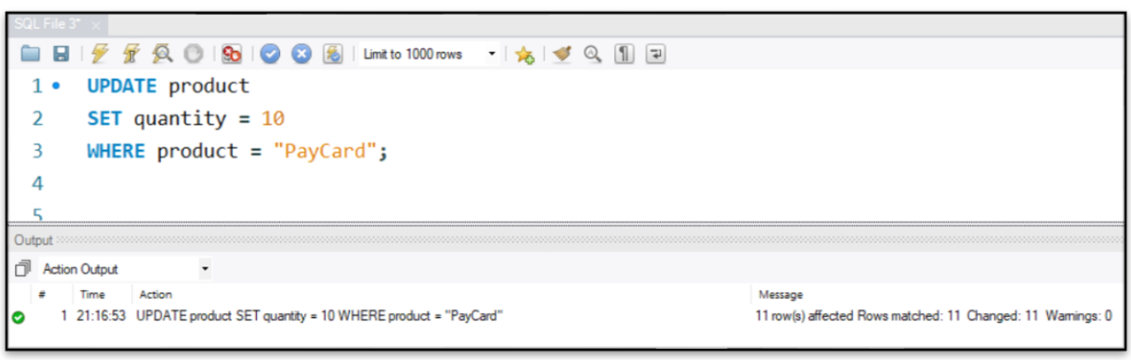



**Question 10**:

Update the quantity information of 'PayCard' product details .

-- For 'PayCard' product, Update the quantity from 2 to 10

**ANSWERS**



**Question 11**:

insert one more row/record to the table

record with values

-- product_id : 4

-- Product : Creditcard

-- Quantity: 2

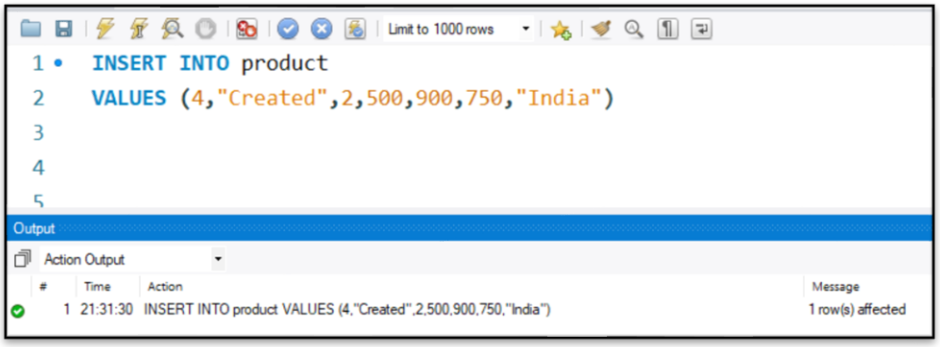
-- price : 500

-- Puchase_cost : 900

-- estimated_sale_price: 750

-- location : India

**ANSWERS**




**Question 12**:

insert below two row/record to the table by using one query

record with values

1) -- product_id : 5

-- Product : debitcard

-- Quantity: 4

-- price : 500

-- Puchase_cost : 2000

-- estimated_sale_price: 1850

-- location : UK

2) -- product_id : 6

-- Product : buyback

-- Quantity: 20

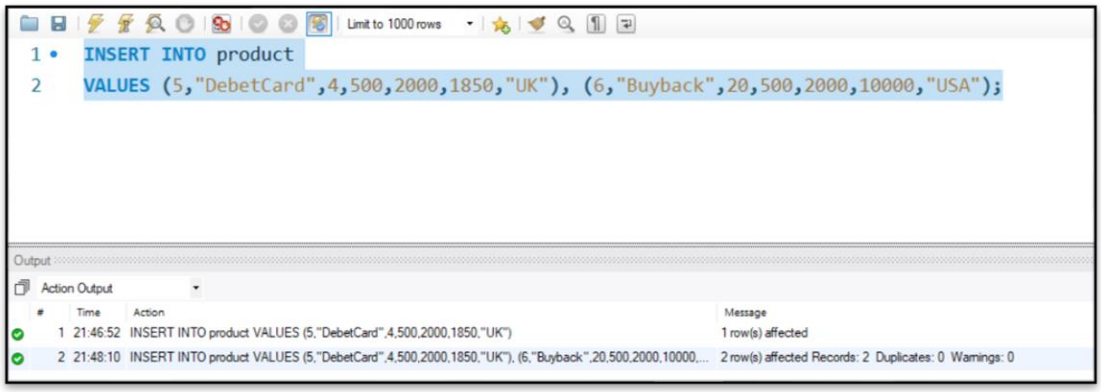
-- price : 500

-- Puchase_cost : 10000

-- estimated_sale_price: 9800.95

-- location : USA

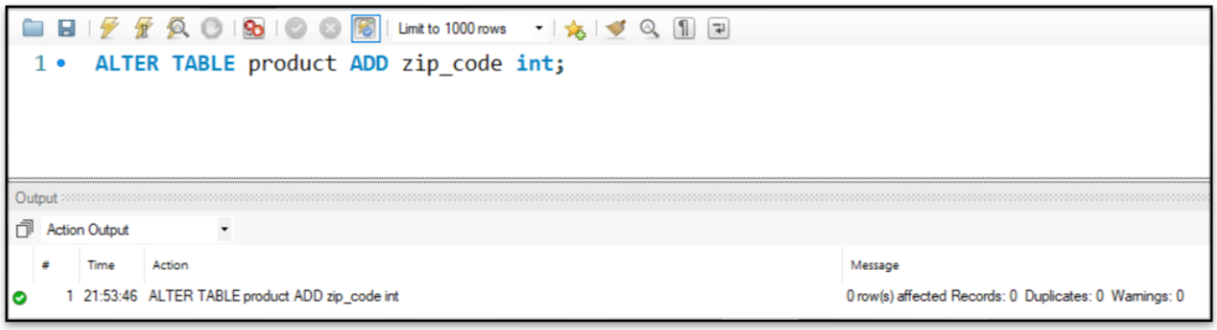
ANSWERS




**Question 13**:

add a column zip_code to the product table

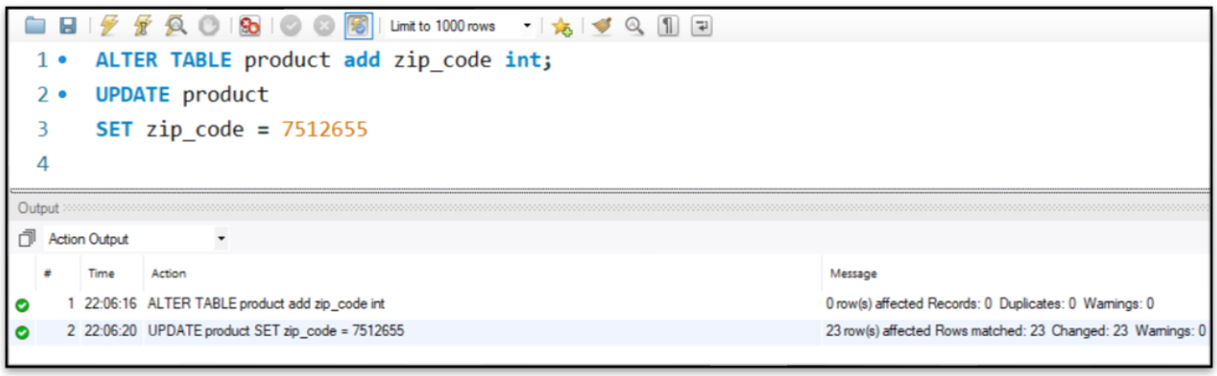
ANSWERS




**Question 14**:

update zip_code to the product table by some random unique zip code to the product

ANSWER



**Question 15**:

drop the column zip_code from the table

ANSWERS