

Oracle Name: _____
Practice Class: _____
Transaction Date: _____

Create two users:
LASTNAME GRIESMAYER
FIRSTNAME THOMAS

Create a connection for the users:
SYSTEM SYSTEM
LASTNAME GRIESMAYER
FIRSTNAME THOMAS

Use the LASTNAME user and create the following table:

LASTNAME_CUSTOMER		
<u>CUSTOMER_ID</u>	<u>INTEGER</u>	<u>PRIMARY KEY</u>
FIRST_NAME	VARCHAR(15)	
GENDER	CHAR(1)	
FIRST_ORDER	DATE	
CREDIT_LIMIT	DECIMAL(8,2)	

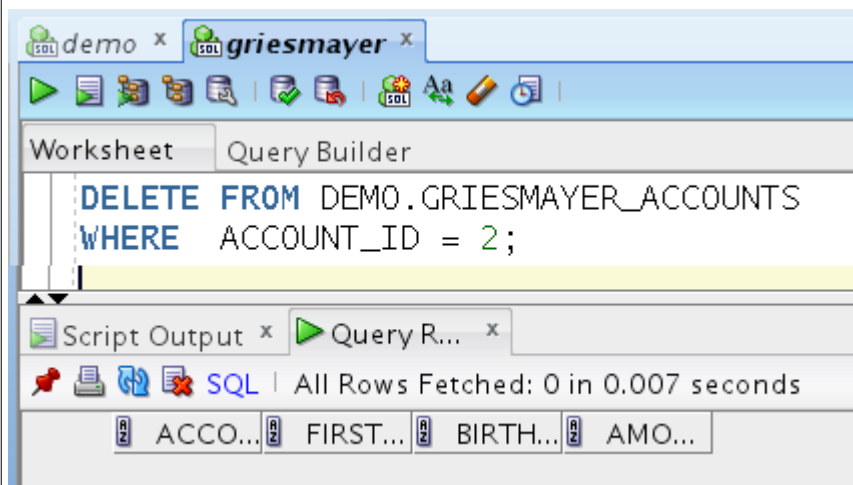
All fields are NOT NULL!

Set the rights for the users!

USE YOUR OWN NAME!!!

Insert 10 rows into the table LASTNAME_CUSTOMER.

Check the content of the table LASTNAME_CUSTOMER.



Set AUTOCOMMIT off.

Run the following SQL statements under the demo user.

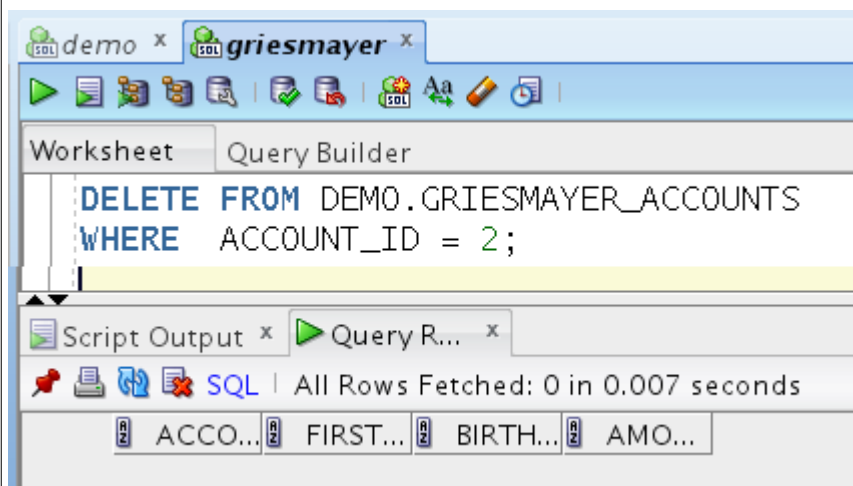
```
SELECT Transaction_ID
```

```
SELECT *  
FROM LASTNAME_CUSTOMER;
```

```
SELECT Transaction_ID
```

```
UPDATE LASTNAME_CUSTOMER  
SET CREDIT_LIMIT = 50  
WHERE CUSTOMER_ID = 1;
```

```
SELECT Transaction_ID
```



```
INSERT INTO LASTNAME_CUSTOMER  
VALUES(20, 'Hans', 'M', SYSDATE, 200);
```

```
SELECT Transaction_ID
```

```
UPDATE LASTNAME_CUSTOMER  
SET CREDIT_LIMIT = CREDIT_LIMIT + 100  
WHERE CUSTOMER_ID = 3;
```

```
SELECT Transaction_ID
```

```
COMMIT;
```

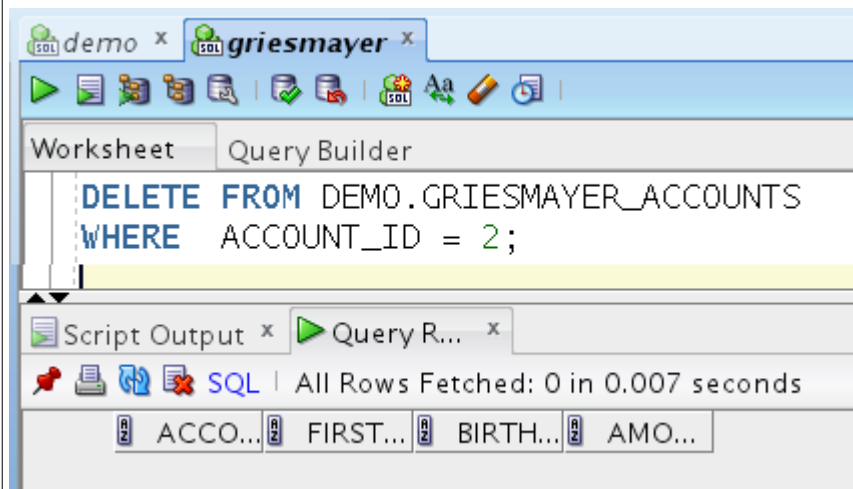
```
SELECT *  
FROM LASTNAME_CUSTOMER;
```

```
INSERT INTO LASTNAME_CUSTOMER  
VALUES(21, 'Maria', 'F', sysdate, 500);
```

```
SELECT Transaction_ID
```

```
ROLLBACK;
```

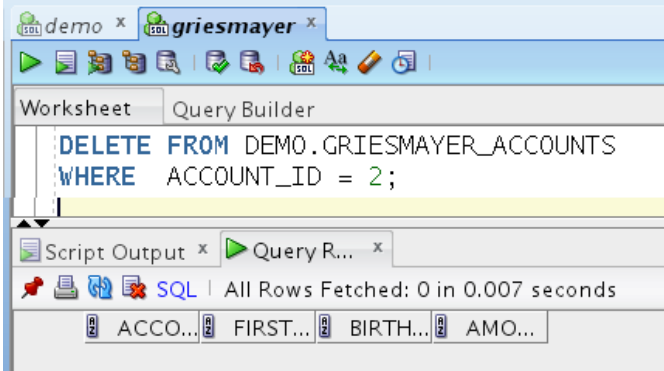
```
SELECT *  
FROM LASTNAME_CUSTOMER;
```

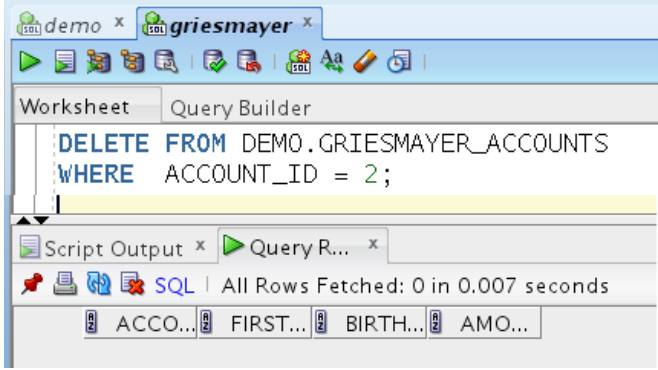


What is the result of the following SQL statements:

First do the exercise on the paper and then check the result on the virtual machine.

NACHNAME_CUSTOMER				
CUSTOMER_ID	FIRST_NAME	GENDER	FIRST_ORDER	CREDIT_LIMIT
1	Fritz	M	2017-03-12	300
2	Susi	F	2018-06-20	200
3	Max	M	2015-03-12	500
4	Maria	F	2018-03-22	0
5	Barbara	F	2017-12-20	700

FIRSTNAME user	LASTNAME user
	<pre>UPDATE NACHNAME_CUSTOMER SET CREDIT_LIMIT = 300 WHERE CUSTOMER_ID = 2;</pre>
	<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 2;</pre> <p>.....</p>
<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 2;</pre> <p>.....</p>	
	<pre>INSERT INTO NACHNAME_CUSTOMER VALUES (6, 'Hans', 'M', SYSDATE, 200);</pre>
	<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 6;</pre> <p>.....</p> 
SELECT CREDIT_LIMIT	

<pre>FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 6; </pre>	
<pre>DELETE FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 1;</pre>	
<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 1; </pre>	
	<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 1; </pre>
<pre>ROLLBACK;</pre>	
	<pre>COMMIT;</pre>
<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 1; </pre>	<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 1; </pre>
<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 2; </pre>	<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 2; </pre>
<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 6; </pre>	<pre>SELECT CREDIT_LIMIT FROM NACHNAME_CUSTOMER WHERE CUSTOMER_ID = 6; </pre>
	 <p>The screenshot shows a SQL query editor window with two tabs: 'demo' and 'griesmayer'. The 'griesmayer' tab is active and shows a 'Query Builder' interface. The SQL statement entered is: <code>DELETE FROM DEMO.GRIESMAYER_ACCOUNTS WHERE ACCOUNT_ID = 2;</code>. Below the query, there is a 'Script Output' window showing the execution results: 'All Rows Fetched: 0 in 0.007 seconds'. At the bottom of the window, there are several data columns visible: 'ACCO...', 'FIRST...', 'BIRTH...', and 'AMO...'.</p>