

Oracle Name: \_\_\_\_\_  
Practice Class: \_\_\_\_\_  
Instance Date: \_\_\_\_\_

Use the following user:

\*) lastname

griesmayer

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!

USE YOUR OWN NAME!!!

Insert 10 rows into the table LASTNAME\_CUSTOMER.

Check the content of the table LASTNAME\_CUSTOMER.

Under the system user run the following SQL statement:

```
GRANT SELECT ANY DICTIONARY TO DEMO;
```

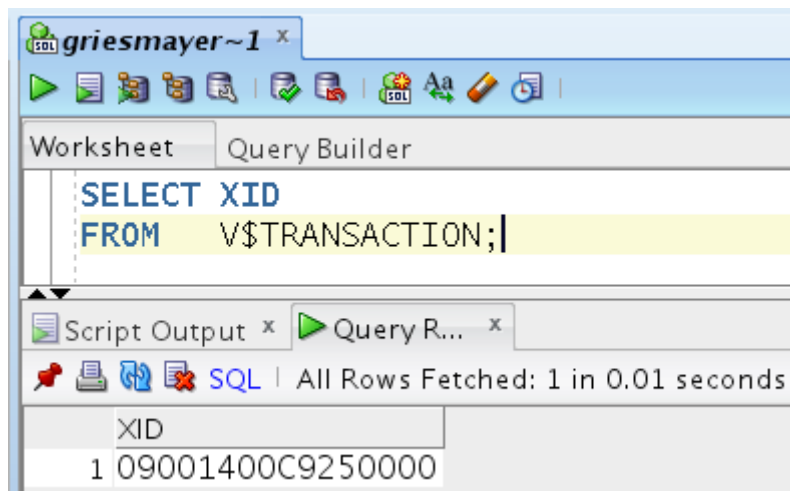
Set AUTOCOMMIT off.

Check the oracle SID in the shell.

Use the `lastname` user and update one row of the table `LASTNAME_CUSTOMER`.

Check the `TRANSACTION_ID`.

```
SELECT XID
FROM V$TRANSACTION;
```



Use the `sys` user and check the `STARTUP_TIME` of your instance.

```
SELECT STARTUP_TIME
FROM V$INSTANCE;
```

```
SQL> SELECT STARTUP_TIME
2 FROM V$INSTANCE;

STARTUP_T
-----
02-OCT-18
```

Use the `sys` user and `SHUTDOWN` the database `TRANSACTIONAL`.

```
SHUTDOWN TRANSACTIONAL;
```

Use the `lastname` user and commit your work.

```
COMMIT;
```

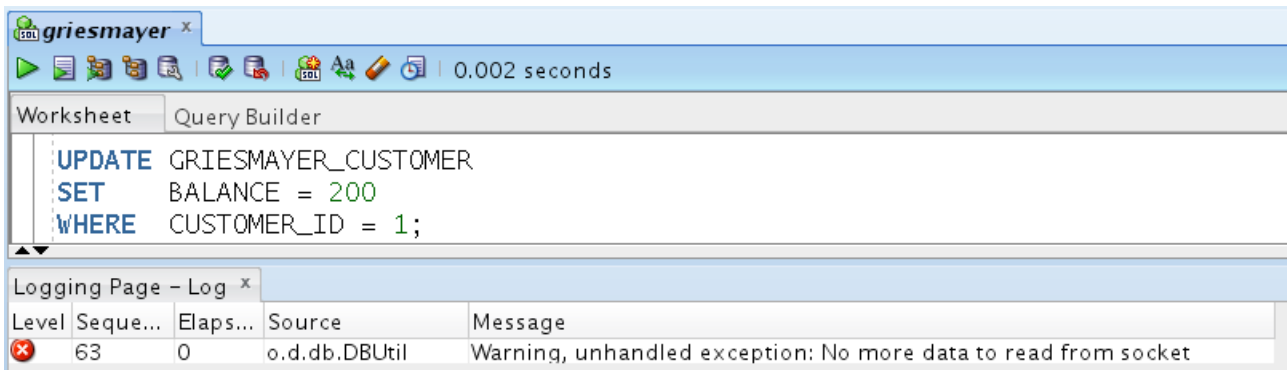
```
SQL> SHUTDOWN TRANSACTIONAL;

Database closed.
Database dismounted.
ORACLE instance shut down.
```

Use the sys user and check the UPTIME of your instance.

```
SELECT STARTUP_TIME  
FROM V$INSTANCE;
```

Use the lastname user and update one row of the table LASTNAME\_CUSTOMER.



The screenshot shows the Oracle SQL Developer interface. The top toolbar includes a play button, a refresh button, and a stop button, with a timer showing 0.002 seconds. Below the toolbar, there are two tabs: 'Worksheet' and 'Query Builder'. The 'Worksheet' tab is active, displaying the following SQL query:

```
UPDATE GRIESMAYER_CUSTOMER  
SET BALANCE = 200  
WHERE CUSTOMER_ID = 1;
```

Below the query window, there is a 'Logging Page - Log' window. It contains a table with the following data:

Level	Seque...	Elaps...	Source	Message
63		0	o.d.db.Util	Warning, unhandled exception: No more data to read from socket

Use the sys user and STARTUP the database instance.

```
STARTUP;
```

```
SQL> STARTUP;  
ORACLE instance started.  
  
Total System Global Area 456146944 bytes  
Fixed Size 1344840 bytes  
Variable Size 369101496 bytes  
Database Buffers 79691776 bytes  
Redo Buffers 6008832 bytes  
Database mounted.  
Database opened.
```