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Database Systems Management

Practice Exercise 05

As with previous assignments, queries can also be found on <https://github.com/jpoCruz/lut-databases/tree/master/databasesSystemsManagemet/week6>.

1

Consider that tables have already been inserted and populated. It's the same query as for the past few weeks.

a

For the table to be flashbacked, it needs to be dropped first. I dropped them in this order so that I don't get any problems with secondary or primary keys being related to each other.

```
DROP TABLE TXNM_table;  
DROP TABLE accounts;  
DROP TABLE CUSM;
```

```
select * from recyclebin -- to see the dropped tables (and other structures) in the  
recycle bin  
  
flashback table CUSM to before drop;  
flashback table accounts to before drop;  
flashback table TXNM_table to before drop;  
select * from recyclebin -- check if the recyclebin is empty  
  
select * from CUSM;  
select * from accounts;  
select * from TXNM_table;
```

b

```
alter table CUSM compress for oltp;  
alter table accounts compress for oltp;  
alter table TXNM_table compress for oltp;  
  
alter table CUSM nocompress;  
alter table accounts nocompress;  
alter table TXNM_table nocompress;
```

2

This is done after grabbing my 'owner' code from My Session in Oracle SQL.

```
SELECT * FROM user_tables;  
SELECT * FROM user_objects;  
SELECT * FROM user_views;  
SELECT * FROM user_sequences;  
SELECT * FROM user_constraints  
WHERE owner = 'SQL_SAZQLQLYPEUAUIEAGCQVVMFAI'
```

Then, to check for errors, we do this. The 'owner' code is the same, and the CONSTRAINT_NAME should be the code of the error you're looking for.

```
SELECT * FROM user_constraints  
WHERE owner = 'SQL_SAZQLQLYPEUAUIEAGCQVVMFAI'  
AND CONSTRAINT_NAME = 'SYS_C00673822';
```