# LAB 2

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1. Create the big, big2 and bigpart tables by running the bigpart.sql script as the sidpers user. Run bigpart as the scott user as well to create come overhead in the database you are using.

2. Write a query against the V$SQLAREA that shows the number of executions,

the number of buffer gets, the number of parse calls, and the first 20

characters of TEXT for all statements that execute more than 3000 times.

3. Determine approximately how many rows are being stored in each block of

the EMP table & BIG table by writing an adhoc query using ROWID.

See tunex8.sql

4. Using SQL Developer | Data Dictionary Reports | Database Administration | Sessions identify the active sessions.

5. Using SQL Developer | Data Dictionary Reports | Database Administration | Sessions Identify CPU and Time Statistics for the users scott and sidpers.

6. Using Database Express, identify current activity and performance while the bigpart scripts are running

7. Identify the Top Running SQL using SQL Developer by going to Data Dictionary Reports | Database Administration | Top SQL.

8. Create statistics on the user SCOTT’s NEW tables create by bigpart so that SQL and scripts will run with proper statistics. Hint use dbms\_stats8. Run a script called simple\_error. Then run the script run\_invalid.sql to see if there

are any errors. As an alternative run Show errors in sqlplus.

9. Using SQL Developer | Reports | Data Dictionary Reports | Invalid Objects create a

report on the scott user to identify invalid objects.