L1-DBS301-intro-select DBS301 Lab 1

– late means no grade

SUBMISSION: When you have finished, submit on Blackboard.

Hopefully, you downloaded demobld10 file and ran the script that will build the tables.

1 Start by ENTERING

SELECT \* FROM EMPLOYEES;

SELECT \* FROM DEPARTMENTS;

SELECT \* FROM JOB\_HISTORY;

Ask yourself, which one of these tables appeared to be the widest? 🡺 or longest?

(no answer required)

Answer 1: Longest table in table is EMPLOYEES table.

Employees contains 20 records, Departments contains 8 records, and job history contains 10 records.

2. If the following SELECT statement does NOT execute successfully, how would you fix it.

SELECT last\_name “LName”, job\_id “Job Title”, Hire Date “Job Start”

FROM employees;

Answer 2: Here, in query 3rd column is hire date contains space and column name don’t have space.

SELECT last\_name "LName", job\_id "Job Title", hire\_date "Job Start" FROM employees;

3 There are THREE coding errors in this statement. Can you identify them?

SELECT employee\_id, last name, commission\_pct Emp Comm,

FROM employees;

Answer 3: Three Errors as following.

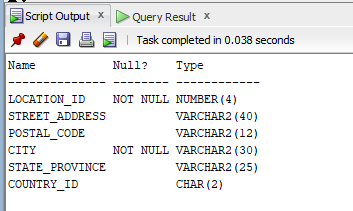
Error 1. Should be last\_name instead of last name.

Error 2. Emp comm should be between double quote because it’s column name alias.

Error 3. There is no comma after the SELECT in query.

4. What command would show the structure of the LOCATIONS table.

Answer 4: DESC locations;



5Create a query to display the output shown below.

City# City Province with Country Code

---------------------------------------------------------------------------------

1000 Roma IN THE IT

1100 Venice IN THE IT

1200 Tokyo Tokyo Prefecture IN THE JP

1300 Hiroshima IN THE JP

1400 Southlake Texas IN THE US

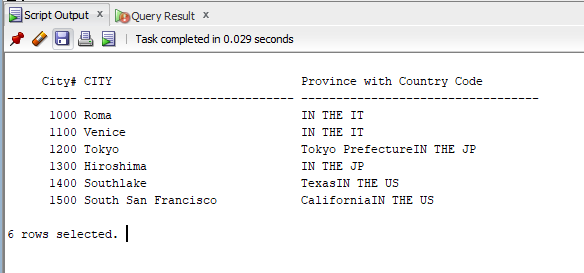
1500 South San Francisco California IN THE US

Answer 5: query as following:

SELECT LOCATION\_ID "City#", CITY, trim(STATE\_PROVINCE || ' ' || 'IN' || ' THE ' || COUNTRY\_ID) "Province with Country Code"

FROM LOCATIONS

WHERE LOCATION\_ID <= 1500;



6. Create a query to display unique (department codes and job titles) from the EMPLOYEES table.

How many rows were returned?

Answer 6: Return 13 records

