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)

2 At the prompt enter the command

*SET pagesize 200*  🡸 this is a SQL\*PLUS command

Choosing the widest table from question 1, rerun the select. Did it have an effect to improve the look of the display?

Do the same for the longest table.

You should have seen that there were no headings every 10 lines as it increased the page length to 200

You should try to find a SET command that will increase the length of each line to improve readability and remove the word wrap effect. It was in the demobld10 file.

**Set linesize 80;**

3. 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;

**Select last\_name “lname”, job\_id “job title”, hire\_date “job start”**

**From employees;**

**I fixed it just simply added the underscore between hire and date**

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

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

FROM employees;

**SELECT employee\_id, last\_name, commission\_pct “Emp Comm”,**

**FROM employees;**

**First - \_ between last name, second – no “” at emp comm, third – we don’t need comma In the end.**

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

**Desc LOCATIONS;**

6 Create a query to display the output shown below.

City# City Province with Country Code

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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

**select location\_id as “city#”, city as “city”, state\_province || ‘in the ‘ || country\_id as “province with country code”**

**from locations**

**where location\_id between ‘1000’ and ‘1500’;**

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

How many rows were returned?

**Select distinct department\_id, job\_id**

**From employees;**