



Homework Instructions:

1. For each problem, execute the correct SQL statement in Run SQL Command Line tool.
2. Take a screenshot of the executed SQL statement, the output, and the Oracle feedback line at the end of the output. For long output, provide two screenshots:
 - a. First screenshot: Executed SQL statement and first 10 or so rows
 - b. Second screenshot: Last 10 or so rows and the Oracle feedback line
3. Copy the SQL statement text into your homework Word document into the appropriate problem section as shown below in the sample homework assignment.
4. Copy the screenshot(s) into your homework Word document into the appropriate problem section as shown below in the sample homework assignment.
5. When your entire homework assignment is completed, you may convert it to a pdf document (in case of other Word processing software than Microsoft Word), otherwise you can leave it in the .doc or .docx format.
6. Upload the homework document in Canvas.

Notes:

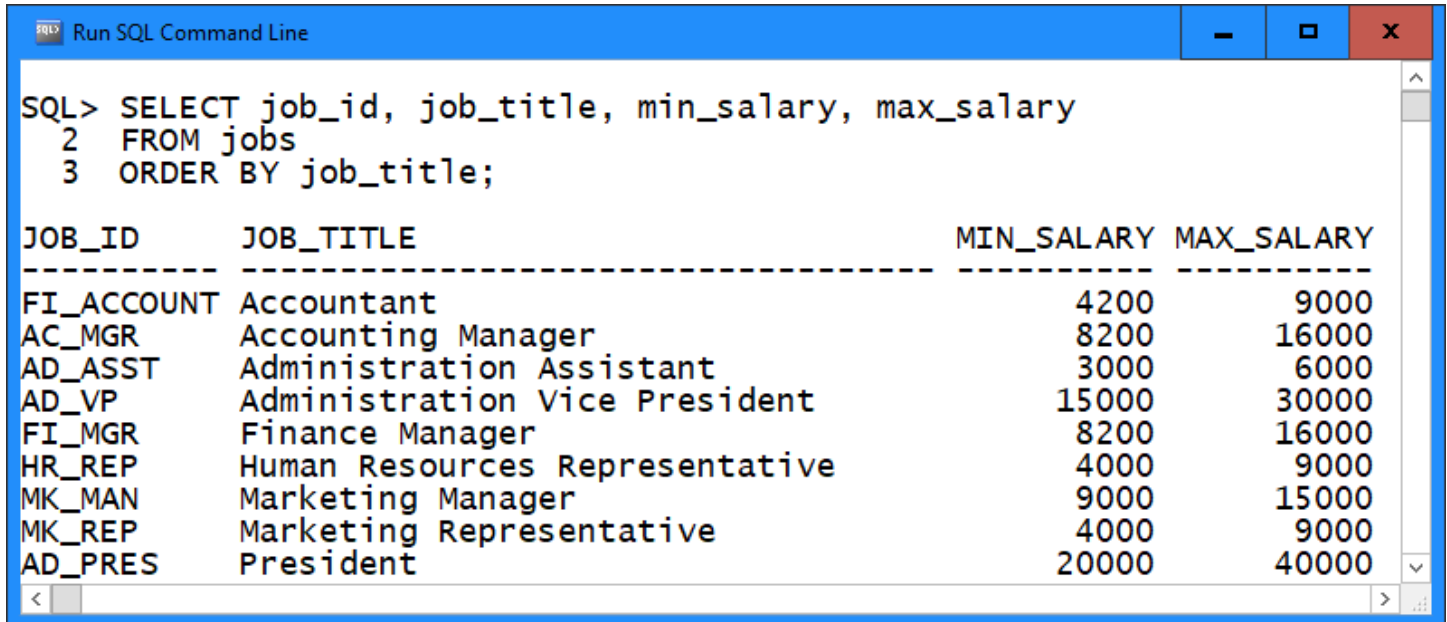
- When sorting is requested, the default sort order is ascending unless otherwise specified
- When joining, the default join is the inner join unless otherwise specified



Sample Homework Assignment

Problem 1: Display job_id, job_title, min_salary and max_salary based on table jobs. Sort the resulting output by job_title.

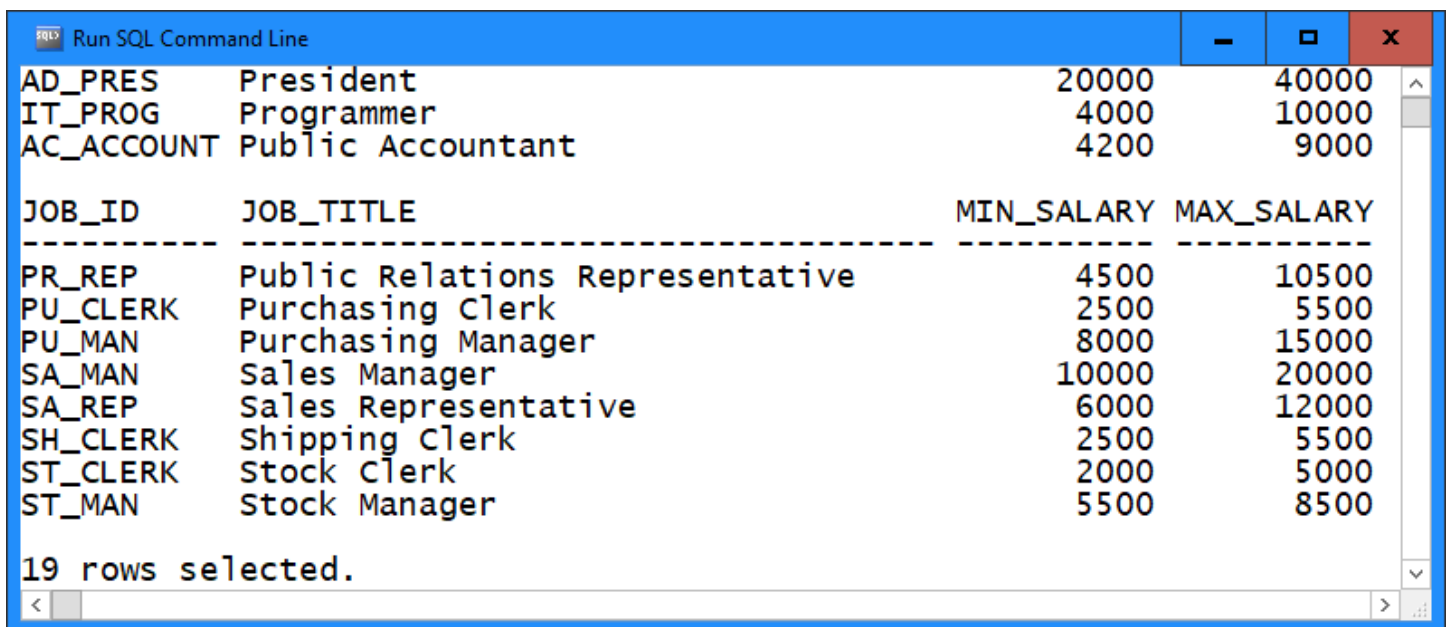
```
SELECT job_id, job_title, min_salary, max_salary
FROM jobs
ORDER BY job_title;
```



Run SQL Command Line

```
SQL> SELECT job_id, job_title, min_salary, max_salary
2 FROM jobs
3 ORDER BY job_title;
```

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
FI_ACCOUNT	Accountant	4200	9000
AC_MGR	Accounting Manager	8200	16000
AD_ASST	Administration Assistant	3000	6000
AD_VP	Administration Vice President	15000	30000
FI_MGR	Finance Manager	8200	16000
HR_REP	Human Resources Representative	4000	9000
MK_MAN	Marketing Manager	9000	15000
MK_REP	Marketing Representative	4000	9000
AD_PRES	President	20000	40000



Run SQL Command Line

AD_PRES	President	20000	40000
IT_PROG	Programmer	4000	10000
AC_ACCOUNT	Public Accountant	4200	9000

JOB_ID	JOB_TITLE	MIN_SALARY	MAX_SALARY
PR_REP	Public Relations Representative	4500	10500
PU_CLERK	Purchasing Clerk	2500	5500
PU_MAN	Purchasing Manager	8000	15000
SA_MAN	Sales Manager	10000	20000
SA_REP	Sales Representative	6000	12000
SH_CLERK	Shipping Clerk	2500	5500
ST_CLERK	Stock Clerk	2000	5000
ST_MAN	Stock Manager	5500	8500

19 rows selected.



Following are examples of how **NOT** to do it:

Too much empty space on the right side due to long SQL statement in one line:

```
SQL> SELECT job_id, TO_CHAR(sysdate, 'dd-Month-yyyy') AS "sysdate", TO_CHAR(current_date, 'dd-Month-yyyy') AS "current_date" FROM jobs ORDER BY job_title;
```

JOB_ID	sysdate	current_date
FI_ACCOUNT	09-June -2020	09-June -2020
AC_MGR	09-June -2020	09-June -2020
AD_ASST	09-June -2020	09-June -2020
AD_VP	09-June -2020	09-June -2020
FI_MGR	09-June -2020	09-June -2020
HR_REP	09-June -2020	09-June -2020

SQL statement cutoff on the right side:

```
SQL> SELECT job_id, sysdate, current_dat
```

JOB_ID	SYSDATE	CURRENT_D
FI_ACCOUNT	09-JUN-20	09-JUN-20
AC_MGR	09-JUN-20	09-JUN-20
AD_ASST	09-JUN-20	09-JUN-20
AD_VP	09-JUN-20	09-JUN-20
FI_MGR	09-JUN-20	09-JUN-20
HR_REP	09-JUN-20	09-JUN-20
MK_MAN	09-JUN-20	09-JUN-20
MK_REP	09-JUN-20	09-JUN-20
AD_PRES	09-JUN-20	09-JUN-20
IT_PROG	09-JUN-20	09-JUN-20
AC_ACCOUNT	09-JUN-20	09-JUN-20