

Comp 144 – Lab 07

Query 1:

- SELECT COUNT (*) FROM departments;

```
MariaDB [F2023_COMP144_imd019]> SELECT COUNT(*) FROM departments;
+-----+
| COUNT(*) |
+-----+
|        27 |
+-----+
1 row in set (0.000 sec)
```

Query #2:

- SELECT JOB_ID, JOB_TITLE FROM jobs;

```
MariaDB [F2023_COMP144_imd019]> SELECT JOB_ID, JOB_TITLE FROM jobs;
+-----+-----+
| JOB_ID | JOB_TITLE |
+-----+-----+
| AD_PRES | President |
| AD_VP   | Administration Vice President |
| AD_ASST | Administration Assistant |
| FI_MGR  | Finance Manager |
| FI_ACCOUNT | Accountant |
| AC_MGR  | Accounting Manager |
| AC_ACCOUNT | Public Accountant |
| SA_MAN  | Sales Manager |
| SA_REP  | Sales Representative |
| PU_MAN  | Purchasing Manager |
| PU_CLERK | Purchasing Clerk |
| ST_MAN  | Stock Manager |
| ST_CLERK | Stock Clerk |
| SH_CLERK | Shipping Clerk |
| IT_PROG | Programmer |
| MK_MAN  | Marketing Manager |
| MK_REP  | Marketing Representative |
| HR_REP  | Human Resources Representative |
| PR_REP  | Public Relations Representative |
+-----+-----+
19 rows in set (0.000 sec)
```

Query #3:

- select FIRST_NAME, LAST_NAME, JOB_ID FROM employees WHERE SALARY>15000;

```
MariaDB [F2023_COMP144_imd019]> select FIRST_NAME, LAST_NAME, JOB_ID FROM employees WHERE SALARY>15000;
+-----+-----+-----+FIRST_NAME' in 'field list'
| FIRST_NAME | LAST_NAME | JOB_ID |
+-----+-----+-----+
| Steven | King | AD_PRES |
| Neena | Kochhar | AD_VP |
| Lex | De Haan | AD_VP |
+-----+-----+-----+
3 rows in set (0.001 sec)
```

Query #4:

- SELECT FIRST_NAME, LAST_NAME, JOB_ID FROM employees WHERE LAST_NAME LIKE 'A%';

```
MariaDB [F2023_COMP144_imd019]> SELECT FIRST_NAME, LAST_NAME, JOB_ID FROM employees WHERE LAST_NAME LIKE 'A%';
```

FIRST_NAME	LAST_NAME	JOB_ID
Ellen	Abel	SA_REP
Sundar	Ande	SA_REP
Mozhe	Atkinson	ST_CLERK
David	Austin	IT_PROG

```
4 rows in set (0.001 sec)
```

Query #5:

- select FIRST_NAME, LAST_NAME, LENGTH(CONCAT(FIRST_NAME," ",LAST_NAME)) as "employee name length" FROM employees WHERE EMPLOYEE_ID IN ('100','101','102');

```
MariaDB [F2023_COMP144_imd019]> select FIRST_NAME, LAST_NAME, LENGTH(CONCAT(FIRST_NAME," ",LAST_NAME)) as "employee name length" FROM employees WHERE EMPLOYEE_ID IN ('100','101','102');
```

FIRST_NAME	LAST_NAME	employee name length
Steven	King	11
Neena	Kochhar	13
Lex	De Haan	11

```
3 rows in set (0.001 sec)
```