## Tasks:

**Select:**

1:

SELECT \* FROM COUNTRIES c ;

2:

SELECT EMPLOYEE\_ID, FIRST\_NAME

FROM EMPLOYEES e

WHERE EMPLOYEE\_ID > 10

ORDER BY FIRST\_NAME ASC;

**Where:**

3:

SELECT EMPLOYEE\_ID , JOB\_ID

FROM JOB\_HISTORY jh

WHERE JOB\_ID = 'AC\_MGR'

ORDER BY EMPLOYEE\_ID ASC;

Note that the quote is ‘ ’ single quote.

**From:**

4:

SELECT \*

FROM LOCATIONS l

WHERE CITY = 'Seattle'

OR CITY = 'Roma'

ORDER BY LOCATION\_ID DESC;

**Join:**

5: X

SELECT EMPLOYEES.EMPLOYEE\_ID, JOB\_HISTORY.EMPLOYEE\_ID

FROM EMPLOYEES e

INNER JOIN JOB\_HISTORY jh

ON EMPLOYEES.EMPLOYEE\_ID = JOB\_HISTORY.EMPLOYEE\_ID;

(comment: SQL Error [904] [42000]: ORA-00904: "JOB\_HISTORY"."EMPLOYEE\_ID": invalid identifier)

6: X

SELECT EMPLOYEES.EMPLOYEE\_ID, EMPLOYEES.FIRST\_NAME, EMPLOYEES.LAST\_NAME, JOB\_HISTORY.EMPLOYEE\_ID

FROM EMPLOYEES e

LEFT JOIN JOB\_HISTORY jh

ON EMPLOYEES.EMPLOYEE\_ID = JOB\_HISTORY.EMPLOYEE\_ID;

(SQL Error [904] [42000]: ORA-00904: "JOB\_HISTORY"."EMPLOYEE\_ID": invalid identifier)

7: X

SELECT EMPLOYEES.SALARY,EMPLOYEES.JOB\_ID, JOBS.MAX\_SALARY, JOBS.JOB\_ID

FROM EMPLOYEES e

FULL JOIN JOBS j

ON EMPLOYEES.JOB\_ID = JOBS.JOB\_ID;

(SQL Error [904] [42000]: ORA-00904: "JOBS"."JOB\_ID": invalid identifier)

**IN Condition:**

8:

SELECT \*

FROM LOCATIONS l

WHERE CITY IN ('Seattle', 'Mexico City')

OR COUNTRY\_ID IN ('IT', 'US');

**Not IN Condition:**

9:

SELECT \*

FROM LOCATIONS l

WHERE CITY NOT IN ('Seattle', 'Mexico City')

And COUNTRY\_ID NOT IN ('FR');

**Between:**

10:

SELECT \*

FROM JOBS j

WHERE MAX\_SALARY BETWEEN 5000 AND 7000

OR MIN\_SALARY BETWEEN 3000 AND 4000;

**Like Condition:**

11:

SELECT \*

FROM EMPLOYEES e

WHERE FIRST\_NAME LIKE 'P%'

AND FIRST\_NAME LIKE '%r%';

12:

SELECT DEPARTMENT\_NAME

FROM DEPARTMENTS d

WHERE DEPARTMENT\_NAME LIKE 'Ac\_\_\_\_\_\_\_\_'

**Insert Statement:**

13: X

INSERT INTO EMPLOYEES

(EMPLOYEE\_ID, FIRST\_NAME)

SELECT JOB\_ID, DEPARTMENT\_ID

FROM JOB\_HISTORY jh

WHERE EXISTS (SELECT \*

FROM JOBS j2

WHERE JOB\_HISTORY.JOB\_ID = JOBS.JOB\_ID);

(SQL Error [904] [42000]: ORA-00904: "JOBS"."JOB\_ID": invalid identifier)

**Update Statement:**

14:

UPDATE LOCATIONS

SET city = 'Rome'

WHERE city = 'Roma';

**Delete Statement:**

15:

DELETE FROM LOCATIONS l

WHERE CITY = 'Mexico City';