LAB ASSIGNMENT - 9

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Class: SE-C	Batch: C3
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Grade:	

1. List the departments that do not contain the job ID ST_CLERK, using SET operators.

Query:

select department_id from departments minus select department_id from employees where job_id = 'ST_CLERK';



2. Produce list of jobs for departments 10, 50 and 20, in that order. Display job ID and department ID, using SET operator.

Query:

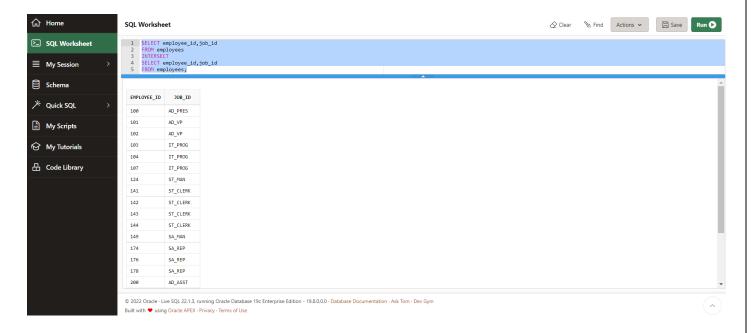
```
column dummy noprint
select job_id, department_id, 'x' dummy
from employees
where department_id = 10
union
select job_id, department_id, 'y'
from employees
where department_id = 50
union
select job_id, department_id, 'z'
from employees
where department_id = 20
order by 3;
column dummy print
```



3. List the employee IDs and job IDs of those employees who currently hold the job title that they held before beginning their tenure with the company.

Query

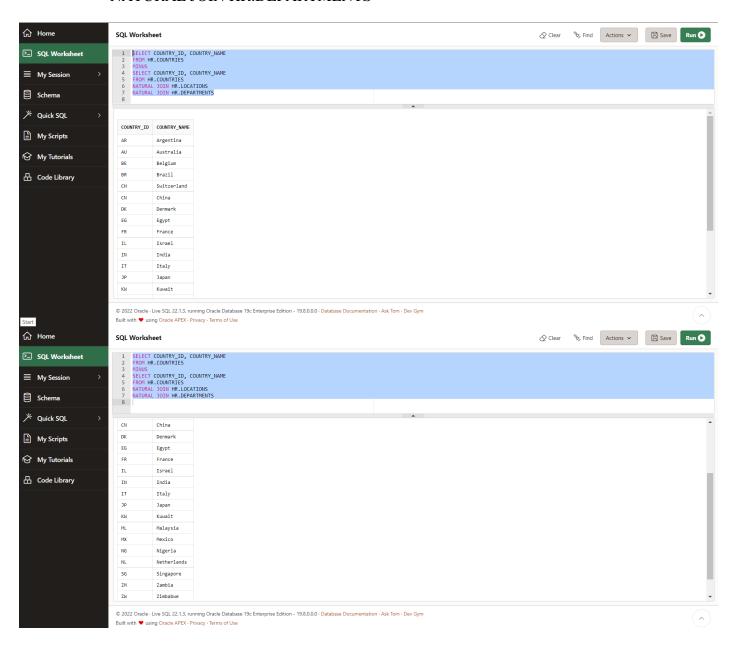
SELECT employee_id,job_id FROM employees INTERSECT SELECT employee_id,job_id FROM employees;



4. Display the country Id and the name of the countries that have no departments located in them, using SET operators.

Query:

SELECT COUNTRY_ID, COUNTRY_NAME FROM HR.COUNTRIES MINUS SELECT COUNTRY_ID, COUNTRY_NAME FROM HR.COUNTRIES NATURAL JOIN HR.LOCATIONS NATURAL JOIN HR.DEPARTMENTS



5. Write compound query that lists the following:

a)Last names and department ID of all the employees from the EMPLOYEES table, regardless of whether or not they belong to any department or not.

b)Department ID and department name of all the departments from DEPARTMENTS table, regardless of whether or not they have employees working in them.

Query:

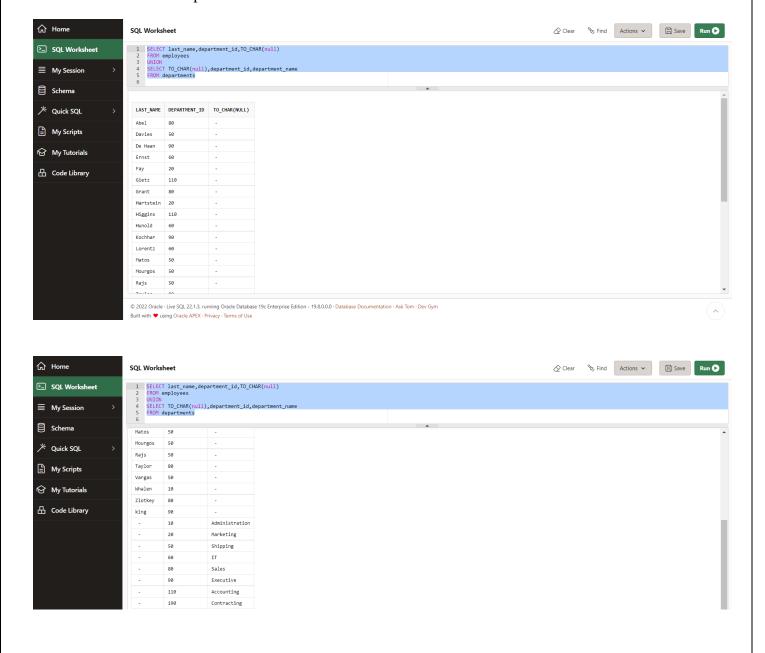
SELECT last_name,department_id,TO_CHAR(null)

FROM employees

UNION

SELECT TO_CHAR(null),department_id,department_name

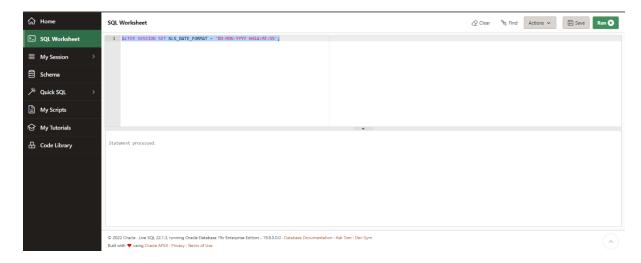
FROM departments



6. Alter the session to set the NLS_DATE_FORMAT to DD_MON_YYYY HH24: MI: SS.

Query:

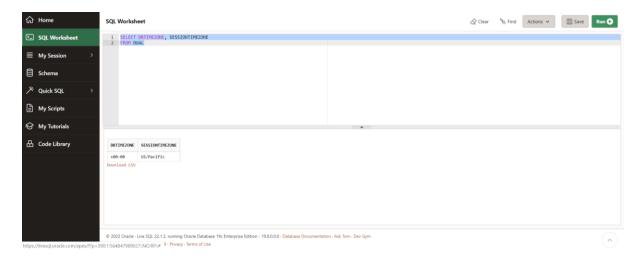
ALTER SESSION SET NLS_DATE_FORMAT = 'DD-MON-YYYY HH24:MI:SS';



7. Write a query to display the DBTIMEZONE and SESSIONTIMEZONE.

Query:

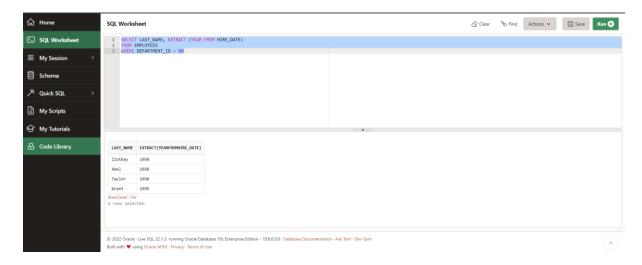
SELECT DBTIMEZONE, SESSIONTIMEZONE FROM DUAL



8. Write a query to extract the YEAR from HIRE_DATE column of the MPLOYEES table for those employees who work in department 80.

Query:

SELECT LAST_NAME, EXTRACT (YEAR FROM HIRE_DATE) FROM EMPLOYEES
WHERE DEPARTMENT_ID = 80



9. Alter the session to set the NLS_DATE_FORMAT to DD_MON_YYYY.

Query:

ALTER SESSION SET NLS_DATE_FORMAT = 'YYYY MM DD'

