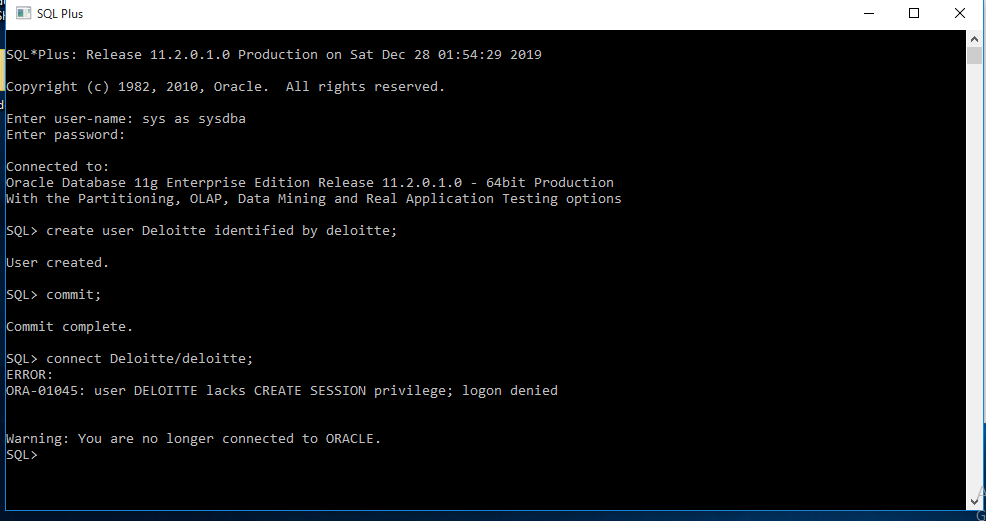
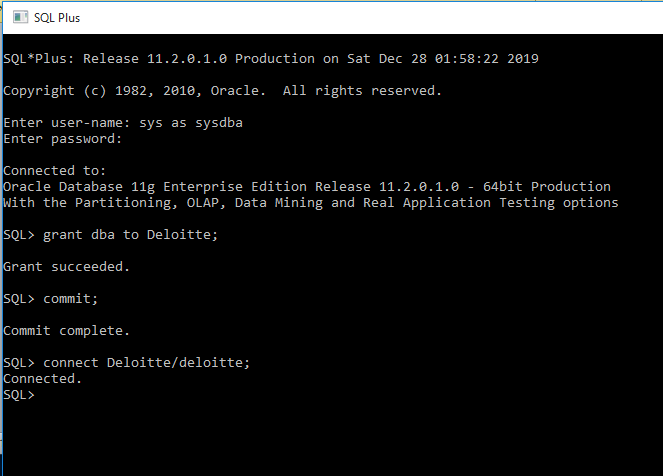
1. Create a “Deloitte” User using SQL PLUS.
2. Change the password of “Deloitte” user to new password.
3. Create a schema in the “Deloitte” user using Worker.sql, Bonus.sql and Title.sql file in SQL Developer.



--4. Write An SQL Query To Fetch “FIRST\_NAME” From Worker Table Using The Alias Name As <WORKER\_NAME>.

SELECT FIRST\_NAME AS WORKER\_NAME

FROM WORKER;

--5. Write An SQL Query To Fetch “FIRST\_NAME” From Worker Table In Upper Case.

SELECT UPPER(FIRST\_NAME)

FROM WORKER;

--6. Write An SQL Query To Fetch Unique Values Of DEPARTMENT From Worker Table.

SELECT DISTINCT DEPARTMENT

FROM WORKER;

--7. Write An SQL Query To Find The Position Of The Alphabet (‘A’) In The First Name Column ‘Amitabh’ From Worker Table.

SELECT INSTR(FIRST\_NAME, 'A')

FROM WORKER;

--8. Write An SQL Query To Print The First Three Characters Of FIRST\_NAME From Worker Table.

SELECT SUBSTR(FIRST\_NAME, 1,3)

FROM WORKER;

--9. Write An SQL Query To Print The FIRST\_NAME From Worker Table After Removing White Spaces From The Right Side.

SELECT RTRIM(FIRST\_NAME)

FROM WORKER;

--10. Write An SQL Query To Print The DEPARTMENT From Worker Table After Removing White Spaces From The Left Side.

SELECT LTRIM(DEPARTMENT)

FROM WORKER;

--11. Write An SQL Query That Fetches The Unique Values Of DEPARTMENT From Worker Table And Prints Its Length.

SELECT DISTINCT DEPARTMENT, LENGTH(RTRIM(DEPARTMENT))

FROM WORKER;

--12. Write An SQL Query To Print The FIRST\_NAME From Worker Table After Replacing ‘A’ With ‘a’.

SELECT REPLACE(FIRST\_NAME, 'A','a')

FROM WORKER;

--13. Write An SQL Query To Print The FIRST\_NAME And LAST\_NAME From Worker Table Into A Single Column COMPLETE\_NAME.

--A Space Char Should Separate Them.

SELECT CONCAT(CONCAT(FIRST\_NAME,' '), LAST\_NAME) AS COMPLETE\_NAME

FROM WORKER;

--14. Write An SQL Query To Print All Worker Details From The Worker Table Order By FIRST\_NAME Ascending.

SELECT \*

FROM WORKER

ORDER BY FIRST\_NAME ASC;

--15. Write An SQL Query To Print All Worker Details From The Worker Table Order By FIRST\_NAME Ascending And DEPARTMENT Descending.

SELECT \*

FROM WORKER

ORDER BY FIRST\_NAME ASC, DEPARTMENT DESC;

--16. Write An SQL Query To Print Details For Workers With The First Name As “Vipul” And “Satish” From Worker Table.

SELECT \*

FROM WORKER

WHERE FIRST\_NAME IN ('Vipul', 'Satish');

--17. Write An SQL Query To Print Details Of Workers Excluding First Names, “Vipul” And “Satish” From Worker Table.

SELECT \*

FROM WORKER

WHERE FIRST\_NAME <>'Vipul' AND FIRST\_NAME <> 'Satish';

--18. Write An SQL Query To Print Details Of Workers With DEPARTMENT Name As “Admin”.

SELECT \*

FROM WORKER

WHERE DEPARTMENT = 'Admin';

--19. Write An SQL Query To Print Details Of The Workers Whose FIRST\_NAME Contains ‘A’.

SELECT \*

FROM WORKER

WHERE FIRST\_NAME LIKE '%A%';

--20. Write An SQL Query To Print Details Of The Workers Whose FIRST\_NAME Ends With ‘A’.

SELECT \*

FROM WORKER

WHERE FIRST\_NAME LIKE '%A';

--21. Write An SQL Query To Print Details Of The Workers Whose FIRST\_NAME Ends With ‘H’ And Contains Six Alphabets.

SELECT \*

FROM WORKER

WHERE FIRST\_NAME LIKE '%H' AND LENGTH(FIRST\_NAME) = 6 ;

---------------------------------------------------------------------

--HR

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--22. Start the executable section with the BEGIN keyword and include a SELECT statement to retrieve the maximum

--department\_id from the departments table.

SET SERVEROUTPUT ON

DECLARE

V\_DEPT\_ID NUMBER(10);

BEGIN

SELECT MAX(DEPARTMENT\_ID) INTO V\_DEPT\_ID

FROM TBLDEPARTMENTS;

DBMS\_OUTPUT.PUT\_LINE(V\_DEPT\_ID);

END;

--23. Write a PL/SQL block to show a reserved word can be used as a user-define identifier.

"BEGIN" VARCHAR2(10) := 'Hey you!';

"begin" VARCHAR2(10) := 'Hey youu!';

BEGIN

DBMS\_OUTPUT.PUT\_LINE("BEGIN");

DBMS\_OUTPUT.PUT\_LINE("begin");

END;

--24. Write PL/SQL blocks to show the scope and visibility of local and global identifiers.

SET SERVEROUTPUT ON

DECLARE

var\_a NUMBER;

v\_outer VARCHAR2(20) := 'Global';

BEGIN

DECLARE

v\_inner VARCHAR2(20) := 'Local';

v\_outer VARCHAR2(20) := 'HELLO';

BEGIN

DBMS\_OUTPUT.PUT\_LINE(v\_inner);

DBMS\_OUTPUT.PUT\_LINE(v\_outer);

END;

DBMS\_OUTPUT.PUT\_LINE(v\_outer);

END;

--25. Write a PL/SQL block to adjust the salary of the employee whose ID 122.

SET SERVEROUTPUT ON

DECLARE

v\_sal NUMBER(10) ;

adj NUMBER(10) := 1.1 ;

BEGIN

select salary into v\_sal

from tblemployees

where employee\_id = 201;

DBMS\_OUTPUT.PUT\_LINE(v\_sal\*adj);

END;