**CHECKPOINT -1**

**ANSWERS**

--1

CREATE USER Deloitte IDENTIFIED BY delo;

GRANT ALL PRIVILEGE TO Deloitte;

--2

ALTER USER Deloitte IDENTIFIED BY deloitte;

--3

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

--4

select first\_name AS WORKER\_NAME from worker;

--5

select UPPER(first\_name) from worker;

--6

select DISTINCT department from worker;

--7

Select INSTR(FIRST\_NAME, 'A') from Worker where FIRST\_NAME = 'Amitabh';

--8

Select SUBSTR(FIRST\_NAME,1,3) from Worker;

--9

Select RTRIM(FIRST\_NAME) from Worker;

--10

Select LTRIM(DEPARTMENT) from Worker;

--11

Select distinct LENGTH(DEPARTMENT) from Worker;

--12

Select REPLACE(FIRST\_NAME,'a','A') from Worker;

--13

Select FIRST\_NAME || ' ' || LAST\_NAME AS COMPLETE\_NAME from Worker;

--14

Select \* from Worker order by FIRST\_NAME;

--15

Select \* from Worker order by FIRST\_NAME, DEPARTMENT DESC;

--16

Select \* from Worker where FIRST\_NAME IN ('Vipul','Satish');

--17

Select \* from Worker where FIRST\_NAME NOT IN('Vipul','Satish');

--18

Select \* from Worker where DEPARTMENT = 'Admin';

--19

Select \* from Worker where FIRST\_NAME like '%a%';

--20

Select \* from Worker where FIRST\_NAME like '%a';

--21

Select \* from Worker where FIRST\_NAME like '\_\_\_\_\_h';

--22

DECLARE

v\_max\_department\_id INT;

BEGIN

SELECT MAX(department\_id)into v\_max\_department\_id FROM departments;

dbms\_output.put\_line(v\_max\_department\_id);

END;

/

--23

DECLARE

"DECLARE" varchar2(60) := 'kEYWORD declare is used as a user-define identifier';

BEGIN

DBMS\_Output.Put\_Line("DECLARE");

END;

/

--24

DECLARE

aaa INTEGER;

bbb REAL;

BEGIN

aaa := 10;

bbb := 5.25;

DBMS\_OUTPUT.PUT\_LINE('IN THE OUTER BLOCK');

DBMS\_OUTPUT.PUT\_LINE('aaa = ' || aaa);

DBMS\_OUTPUT.PUT\_LINE('bbb = ' || bbb);

DECLARE

aaa CHAR;

bbb REAL;

BEGIN

aaa := 'A';

bbb := 15.25;

DBMS\_OUTPUT.PUT\_LINE('IN THE INNER BLOCK');

DBMS\_OUTPUT.PUT\_LINE('aaa = ' || aaa);

DBMS\_OUTPUT.PUT\_LINE('bbb = ' || bbb);

END;

DBMS\_OUTPUT.PUT\_LINE('AT THE END IN THE OUTER BLOCK');

DBMS\_OUTPUT.PUT\_LINE('aaa = ' || aaa);

DBMS\_OUTPUT.PUT\_LINE('bbb = ' || bbb);

END;

/

--25

SET SERVEROUTPUT ON

DECLARE

sal INTEGER;

BEGIN

SELECT ((salary\*.5)+salary) into sal from employees where employee\_id = 122;

dbms\_output.put\_line(sal);

END;

/