Write a PL/SQL block to calculate the incentive of an employee whose ID is 110.

```
DECEARE

Ventagee id emplayees emplayee id 1. TYPE:=100;

V-Salary employees. salary x TYPE;

V-Incertare NUMBER;

V-Incertare put Contains number :=0.10

BEGIN

SELECT Salary Into v-salary from employees intere employee id: V-employee id;

V-Incertare != V-salary + V-Incertare pot;

DBMS-OUTRIT. RUTLINE (*Incertare for emp ID* 11 v-employee id 1)

PND:
```

PROGRAM 2

9

-

2

Write a PL/SQL block to show an invalid case-insensitive reference to a quoted and without quoted user-defined identifier.

```
DECLARE

V-Lest variable NUMBER = 100;

BEGIN

EXECUTE IMMEDIATE 'CREATE OR REPLACE RINCTION

"Hyfur abon' RETURN NUMBER IS BEGIN RETURN 1; END;

DECLARE

V-SCALL NUMBER;

BEGIN

V-SCALL: My function;

DBUS_DUTPUT. PUTLINE ('REDLT!' INVALUA);

EXCEPTION

DBUS_DUTPUT. PUTLINE ('ERROR: 'IJQ LERRY);

END;

DBUS_OUTPUT. PUTLINE ('Value: 'I) V-TEST_VARIABLE);
```

Write a PL/SQL block to adjust the salary of the employee whose ID 122. Sample table: employees

```
DECLARE
            V- employer id
                              On pages, employed of type
            V-newsalary
                               em player. Salogy of Type:
            V-curent sel
                                 Ompages. Solary 1. Type;
             vadj
                                 NUMBER := 500;
 BEGIN
    Select salogy 9nto u awassal from Indages where
      employee id = v- employee _id ;
     V-new Sal := V-conet -8021 V-adg;
     UPDATE employees DET Solvey: unevalory where
      emplayer id = u-emplayer id ;
     COMMIT;
     DBUS OUTPUT. PUT-LINE ("Salary updated!");
EMP;
```

PROGRAM 4

Write a PL/SQL block to create a procedure using the "IS [NOT] NULL Operator" and show AND operator returns TRUE if and only if both operands are TRUE.

```
Create as seplace Procedure application people in employees ampid 1. TYPE) AS

V_Eal employees. Schooly 1. TYPE

V_deptid employees. department_id 1. TYPE;

BEQIN

Select Sol, deptid Proto v_scl, v_depid from employees

where empid = P-empid;

IF V Scl is not me. And v_depid is not now then

UPDATE employees StT status : Action where empid =

P-emp-id;
```

```
DBMS_OUTPUT. PUT_LINE ("Bradou updated to Active")

ELSE

DBMS_OUTPUT. PUT_LINE ("Stadous connot be updated");

END IF;

END IF;
```

Write a PL/SQL block to describe the usage of LIKE operator including wildcard characters and escape character.

```
DECLARE

Venp. nam emp. nam I type;

BEGIN

FOR DEC IN ( Select name from emp where name LIKE 'J- *'

ESCAPE '/')

LOOP

DBNS-OUTPUT. PUTLINE ( &C. name);

END LOOP;

END;
```

PROGRAM 6

Write a PL/SQL program to arrange the number of two variable in such a way that the small number will store in num_small variable and large number will store in num_large variable.

```
DECLARE
     nun 1
                NUMBER := 25:
                NUMBER := 10;
     nun small
                   MUBBER:
     nun-large
                   NUMBER;
BEGIN
           rum 1 < rum 2 THEN
              nuns: nun!
               num l:= mvzn2;
      ELSE.
         num-s:= num 2;
         num-l:= num 1 "
    END IT:
     DBM S-OUTPUT. PUT-LINE ( Num-S )
     DBMS_OUTPUT. PUT_LINE ( num_2);
```

```
CREATE OR REPLACE cal-in ( peop-1d IN emp. emp. d. 1. TYPE,

P-tal-aclassed IN NUMBER) AS $1-inc NUMBER; V-tal

NUMBER:= 1000;

BEGIN

IF P-tal-aclassed >= vtanget THEN

V-incubic:= p-tanget-aclassed + 0.10;

ELSE

V-marker:= p-tanget-aclassed + 0.10;
```

Write a PL/SQL procedure to calculate the incentive on a target achieved and display the message either the record updated or not.

```
END IF;

UPDATE Onp' SET Anc = V-Anc where onpid = P-onpid:

If SQL-1 POIXOUT >0 THEN

DBMS-OUTPUT PUTLINE ("Pecard updated");

ELSE

DBMS-OUTPUT. PUTL LINE ("No second updated");

END IF;

END;
```

PROGRAM 8

Write a PL/SQL procedure to calculate incentive achieved according to the specific sale limit.

```
Note of seplace Procedure cal-Phic (p-sdamt 2N)

NUMBER) AS V-9nc-num;

BEGIN

IF p-sal-ant > = 5000 THEN

V-9nc:= p-sal-ant -0.05;

ELSE

V-9nc:= p-sal-ant -0.05;

ENDIF;

PBMS-OUTPUT. PUT-TINE (p-sal-ant 11 v-9nc);
```

DECLARE

V-emp-cont MMBER;

CONSTANT NUMBER : = 45; v-vacancies

BEGIN

count (+) and v-omp-count PROM employees where Select dept-id = 50;

PROGRAM 9

Write a PL/SQL program to count number of employees in department 50 and check whether this department have any vacancies or not. There are 45 vacancies in this department.

DBMS-OUTPUT. PUT-LINE (WEND-count); IF Venpreunt < V-vacances THEN DBM SLOUPPUT. PUTLINE ('50 vacancies available);

ELSE

DBMS-OUTPUT. PUT-LINE (' NOVacanuer');

END IF:

END;

Write a PL/SQL program to count number of employees in a specific department and check whether this department have any vacancies or not. If any vacancies, how many vacancies are in that department.

DECLARE

V-dept-id NUMBER := 50;

vemp court NUMBER;

NUMBER := 100; v-total-pas NUMBER:

V-vac

BEGIN

Solice count (4) INTO V- employer where dept -id = v-dept-id;

v-vacancies := v-botal per -v-enp-cent;

DBMS_OUTPUT. PUTLINE (Vemplout);

IF V-VAC >O THEN

DBMS-OUTPUT. PUT-LINE (" Vacancies available ");

ELSE

DBMS_OUTPUT. PUT_LINE ("IS FULLY STAFFED");

END IF;

END;

PROGRAM 11

Write a PL/SQL program to display the employee IDs, names, job titles, hire dates, and salaries of all employees.

```
DECLARE

BEGIN

FOR SEC IN ( Select empid, first nane !! '! last nane

AS emp name, Job title, hardak, salary from employees

Join Jobs on employees Job id = Jobs Job id)

LOOP

DBHS OUTPUT. PUT LINE ( SEC. empid !! Sec. emp name ! sec. Job title!!

TOCHAR ( Sec. his dak, "DD-HON-4444") !! SEC Salary);

ENDLOOP;

ENDLOOP;
```

PROGRAM 12 Write a PL/SQL program to display the employee IDs, names, and department names of all employees.

```
DECLARE
BEGIN

FOR SEC DN (SOLECT e.emp-id, e.f-name II' III

e.l-name As amp-name, dodopt-name from employees a

John departments of one e.dept-id = d.dept-id)

LOOP

DBMS-OUTPUT. PUT LINE (secremp-id II se c. emp-name II

END LOOP;

END;
```

PROGRAM 13 Write a PL/SQL program to display the job IDs, titles, and minimum salaries of all jobs.

```
DECLARE
BEQIN

FOR SEC THIC SELECT Jobid, Job tolle, man_sal from
Jobs)

LOOP

DBHS_OUTRIT. PUT_LINE ( SEC. Job id II sec. Job tolle II

SEC. man_sal);

END LOOP;

END;
```

PROGRAM 14 Write a PL/SQL program to display the employee IDs, names, and job history start dates of all employees.

```
DECEARE

BEGIN

FOR SEC IN C SELECT e emp-id, e. P. Start and II'' II

e. lastenam As emp-name, Jh. start dake From

employers e Join Job-History Jh on e. emp-id = Jh. emps)

LOOP

DBHS OUTPUT. PUTLINE (sec. emp-id, sec. emp-name,

TO = CHAR (sec. Start dak, DP-HON-4444');

BND LOOP;

BND:
```

DECLARE

V-Employearld employear Employearld 7. TYPE;
V-freshname Employear Arotenane 9. TYPE;
V-End date Job history . end date 4. TYPE;

CURSOR emp-cus IS

SELECT e-employerid, e. Rockman, e. Sastmann, ford-dak FROH employers e 301 N. Johnston, j ON e. employerid = j. employerid;

BEGIN

FOR empressed IN empressed LOOP

V-Production := Emprocand. Explorer-Ed;
V-Rodenand:= Emprocand. Appl Drame;
V-Sadenand:= Emprocand. last Drame;
V-Ond date:= Emprocand end data;

DBHS_OUTPOT. PUT_LINE ("Employer ID: "II u_employer.id II, "Name II v-Babram II," II u_lashram II, "Job History End Date: " II To_CHAP (rend-date, "YUYY-HH-DI));

BND LOOP;

END:

PROGRAM 15
Write a PL/SQL program

PROGRAM 15
Write a PL/SQL program to display the employee IDs, names, and job history end dates of all employees.

Faculty Signature	Total (15)	Viva(5)	Program/Execution (5)	PL/SQL Procedure(5)	Evaluation Procedure	employees.
8	5	J	5	6	Marks	

warded