***Assignment-8***

1. Write a PL/SQL block of code to update salary of employee ‘7788’ to 35000 if the salary is less than 35000.

SET SERVEROUTPUT ON

DECLARE

s emp1.sal%type;

BEGIN

SELECT sal into s from emp1 WHERE empno=7788;

IF s<35000 THEN

UPDATE emp1 SET sal=35000 where empno=7788;

END IF;

END;

1. Write a PL/SQL block of code to insert all details of employee ‘7698’ to a new table temp\_emp, which has same structure as emp table.

CREATE TABLE temp\_emp AS SELECT \* FROM emp1 WHERE 1=2;

SET SERVEROUTPUT ON

DECLARE

newrec emp1%rowtype;

BEGIN

SELECT \* INTO newrec FROM emp1 WHERE empno=7698;

INSERT INTO temp\_emp VALUES (newrec.empno, newrec.ename,newrec.job, newrec.mgr, newrec.hiredate, newrec.sal, newrec.comm, newrec.deptno);

END;

1. Write a PL/SQL block of code to display ones name like “Hello <Name>’, whatever the name you have entered at run time.

SET SERVEROUTPUT ON

DECLARE

a VARCHAR2(10);

BEGIN

a :='&a';

dbms\_output.put\_line('HELLO'||a);

END;

1. Write a PL/SQL block of code to print first 50 whole no.

SET SERVEROUTPUT ON

DECLARE

a NUMBER(2);

BEGIN

FOR a in 1..50

LOOP

dbms\_output.put\_line('value'||a);

END LOOP;

END;

1. Write a PL/SQL block of code to update the commission of employee number 7369 to Rs. 3000 if it NULL; else raise his commission by 25%.

SET SERVEROUTPUT ON

DECLARE

c emp1.comm%type;

BEGIN

SELECT comm into c from emp1 WHERE empno=7369;

IF c IS NULL THEN

UPDATE emp1 SET comm=3000 WHERE empno=7369;

ELSE

c := c\*1.25;

UPDATE emp1 SET comm=c WHERE empno=7369;

END IF;

END;

1. Write a PL/SQL block of code to print even number between 1 and 10 using for loop.

SET SERVEROUTPUT ON

DECLARE

a NUMBER;

r NUMBER;

BEGIN

FOR a IN 1..10 LOOP

r :=MOD(a,2);

IF r=0 THEN

dbms\_output.put\_line('Even No'||a);

END IF;

END LOOP;

END;

1. Write a PL/SQL block of code that will allow 5% salary increment of an employee (emp number should be taken from user) if the employee working in the organization more than 22 year.

SET SERVEROUTPUT ON

DECLARE

emp\_no emp.empno%type;

salary emp.sal%type;

hire\_month number(4);

BEGIN

emp\_no :=&emp\_no;

select MONTH\_BETWEEN(sysdate, hiredate) into hire\_month from emp where empno=emp\_no;

if (hire\_month > 12\*22) then

update emp set sal =sal\*1.05where empno = emp\_no;

end if;

END;