\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.1\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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.

Set Serveroutput on;

DECLARE

NUM1 NUMBER(10);

NUM2 NUMBER(10);

NUM\_SMALL NUMBER(10);

NUM\_LARGE NUMBER(10);

Begin

NUM1:=&NUM1;

NUM2:=&NUM2;

if(NUM1>=NUM2) then

NUM\_LARGE:=NUM1;

NUM\_SMALL:=NUM2;

ELSE

NUM\_LARGE:=NUM2;

NUM\_SMALL:=NUM1;

END IF;

dbms\_output.put\_line('Smaller number is ' || NUM\_SMALL);

dbms\_output.put\_line('Larger number is ' || NUM\_LARGE);

end;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.3\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PL/SQL program to check whether a date falls on weekend or not i.e. Saturday or Sunday.

Set Serveroutput on;

DECLARE

dt1 date:= to\_date('&new\_dt','DD-MON-YYYY');

get\_day VARCHAR2(15);

Begin

get\_day:= RTRIM(TO\_CHAR(dt1, 'DAY'));

if get\_day IN ('SATURDAY', 'SUNDAY') THEN

dbms\_output.put\_line('THE DATE FALLS ON THE WEEKEND ');

ELSE

dbms\_output.put\_line('THE GIVEN DATE DOES NOT FALLS ON THE WEEKEND');

END IF;

end;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.4\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PL/SQL program to display the description against a grade.

DECLARE

grd CHAR(1);

BEGIN

grd:='&new\_grd';

CASE grd

WHEN 'S' THEN

dbms\_output.put\_line(' THE GRADE IS:OUTSTANDING');

WHEN 'A' THEN

dbms\_output.put\_line(' THE GRADE IS:EXCELLENT');

WHEN 'B' THEN

dbms\_output.put\_line(' THE GRADE IS:VERY GOOD');

WHEN 'C' THEN

dbms\_output.put\_line(' THE GRADE IS:GOOD');

WHEN 'D' THEN

dbms\_output.put\_line(' THE GRADE IS: AVERAGE');

WHEN 'E' THEN

dbms\_output.put\_line(' THE GRADE IS:POOR');

WHEN 'P' THEN

dbms\_output.put\_line(' THE GRADE IS:PASS');

WHEN 'F' THEN

dbms\_output.put\_line(' THE GRADE IS:FAILS');

ELSE

dbms\_output.put\_line('THE GRADE NOT IN THE LIST GRADE');

END CASE;

END;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.6\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PL/SQL program to input two number and display the sum and average of these numbers.

DECLARE

NUM1 NUMBER(10);

NUM2 NUMBER(10);

SUM NUMBER(10);

AVG NUMBER(10);

Begin

NUM1:=&NUM1;

NUM2:=&NUM2;

sum := num1 + num2;

avg:= sum/2;

dbms\_output.put\_line('Sum of the entered number is ' || sum);

dbms\_output.put\_line('Average of the entered number is ' || avg);

end;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.7\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

WRITE A PL/SQL BLOCK TO ACCEPT A YEAR AND CHECK WHETHER IT IS A LEAP YEAR OR NOT?

Set Serveroutput on;

DECLARE

yy NUMBER := &yy;

Begin

IF

mod(YY, 400)=0 OR mod(YY, 4)=0 AND mod(YY, 100)!=0

THEN

dbms\_output.put\_line('Entered year is a leap year');

ELSE

dbms\_output.put\_line('Entered year is not a leap year');

END IF;

END;

end;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTIONNO.8\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PL/SQL program to input the salary and working experience of employee and calculate the bonus as 10% of salary. Give 500$ extra bonus to those who’s experience is more than 10 year.

SET SERVEROUTPUT ON;

DECLARE

sal number:=&sal;

exp number:=&exp;

bonus number:=0;

BEGIN

if exp<=10 then

bonus := (sal\*0.1);

else

bonus := (sal\*0.1) + 500;

end if;

dbms\_output.put\_line('Bonus will be ' || bonus);

END;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.5\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

WRITE A PROGRAM IN PL/SQL TO INSERT RECORD FROM ONE TABLE TO ANOTHER

SET SERVEROUTPUT ON;

DECLARE

CURSOR P IS

SELECT PNAME, institute, course, course\_fee FROM STUDIES\_01;

NAME1 VARCHAR2(10);

INST VARCHAR2(20);

COURSE VARCHAR(20);

COURSE\_FEE NUMBER(10,2);

BEGIN

OPEN P;

LOOP

FETCH P INTO NAME1 , INST , course , course\_fee;

INSERT INTO TABLE2 VALUES (NAME1, inst, course, course\_fee);

EXIT WHEN P%NOTFOUND;

END LOOP;

END;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*QUESTION NO.2\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*