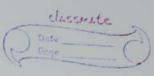
	Page
22-03-202	1
	Exp-9 PL or SQL
	Aim: To study the various basic PL/SQL
	operations on the database.
	Queries:
	- Contraction of the contraction
1.	Write a PLISAL coding for addition of ruo
	numbers.
	dedare
-	a number: = 5i
	B number: = 10;
	c number;
	begin
	C:=a+b;
	dbms_output.put_line ( 'sum of two numbers :=
	(110);
-	end;
	/ NAME OF STREET
-	The All hard reputition and
	Ueing PL/Bal general syntax for if condition,
-	declare two variables b and c and print the
-	maximum among them.
-	DECLARE
_	b number;
1	c number;
	DBMS-OUTPUT. PUT_ LINE ('Enter a number')
	O. MUNIDAR
	DBMS_OUTPUT. PUT_LINE ( 'Enter another number')
-	10101132001101.7012

Date
Q Date O
C:= LNUMBER;
IF bcc Titer
DBMS-OUTPUT. PUT-LINE ( CT   C   13 greater
man' 11 5 11');
ELSE
dbms_ outpur. pw_line ("11b11' is greate
man' { c   1");
END 15
END;
3. Using P2/SQL, get a number and print
if it is less than 500 greater than.
DECLARE
N NUMBER;
BEOIN
dbms - output . put_line ( 'Enter a number)
M: = & NVMBER!
IF N>5 THEN
dbms_ augur. pur_sine ("11 N 11"
is greater man 5');
Else
dbms_output. pur_line ( TE 11 N/11 1 is lessor
(nan 5')
ENDIC;
END;



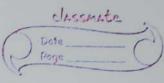
	Trage
4.	Using PL/SQL, general syntax for noted if, get three numbers as input and print which is maximum.  DECLARE
	DECLARE
	a NUMBER;
	b Number;
	C NUMBER;
	BEAIN
	dpms_output. Put_line ('Enter 3 number: = ');
	a:= & NUMBER;
	b:= & NUMBER,
	C: = & NUMBER
	IF a>b
	AND a>C THEN
	dbms_output. Pour_line ( Greatest number is / 11 a)
	A STATE OF THE STA
	ELSE TA VIII THE
	IF b>a
	AND b>C THEN
	dbms_output. Put_line (1 Greatest number to
	116);
	ELSE
	dbms_output. Put_line ( Greatest number is
	110);
	ENOIF;
	ENDIF
	ENDI
	/

Scanned with CamScanner

5.	Using Par/sal general syntax for looping starment, find own of odd numbers till a given value and
	find own of odd numbers till a given valuant
	print it.
	HUM
	DECLARE
	num NUMBER (3);
	SUMI NUMBER (4) := 0;
	Beath
	i=Number(3):=17
	BEGIN
	INT ALLM
	dbms_output. Put_line('Enter the number:')
	num:= & NUMBER;
	FOR i in 1 num LOOP
	IF mod(i,2)=1 THEN
	sum! = sum!+i;
	ENDIF;
	END LOOP,
	dbms_oupput put_line ("Sum of odd numbers:"
	[[ suml);
	ENO;
6.	Using PUSAL, using general syntax of while loop find the sum of odd numbers till given value and
	Brit it.
	DECLARE NUMBER ( - 2 )
	num NUMBER (3);
	SUM NUMBER (4) := 0;
	i NUMBER (3): = 1;
	BEGIN

	Page
_	
-	INHILE I <= num LOOP
	IF mod(i,2)=1 THEN
	sum1 = sum1 + 1;
	ENDIF
	i := i + i;
	END LOOP;
	dbms-output. Put-line ( 'Sum of odd number is
	1 sum 1);
	ENO;
	1
2	TRIGGER
8.	Find factorial of a number way Function.
	diclau
	n number $(4)$ : = & $ni$
	fact number (8);
	begin
	fact = Factorial (n)
	dbms-outpur pur-line ( Factored of 1 11711 1s'
	11 Fact );
	end;
	(Main Pogram)
	FUNCTION Factorial (n number)
	RETURN number
	15 A Part of the second of the
	f numbu;
	$ \begin{array}{cccc} f & numbu \\ Beaunl \\ IF & n = 0 & men \end{array} $
	f numbu;  Beaut

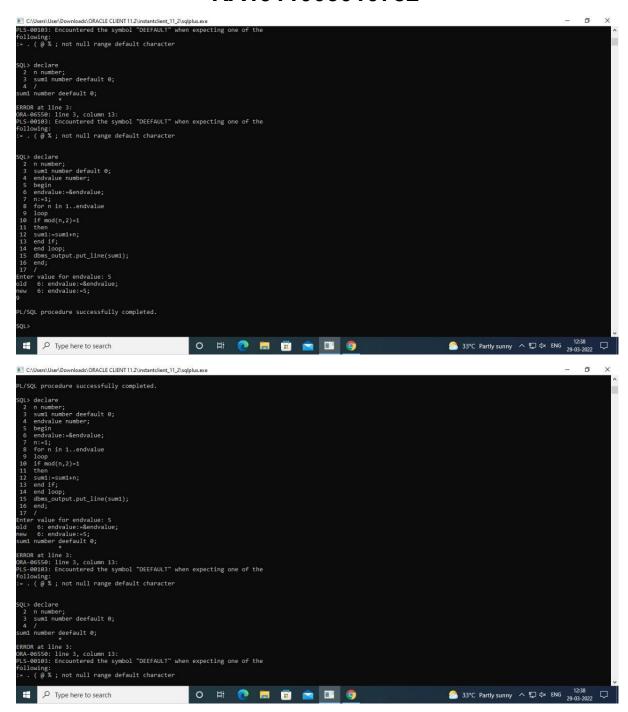
	RETURN f;
	GND FACTORIAL,
9.	a Write a procedure using positional parameters.
	CREATE OR REPLACE PROCEDURE CON ( PA Vancharz,
	BEGIN PB NUMBER, pc Boolean, po Data) AS
	NULL;
	END Call;
	DECCARE
	VI Varenar 2 (10);
	42 vaichar2 (7-
	V2 number (7,6);
	rs boolean;
	Y4 bati;
	BEGIN
	Call (V1, V2, V3, V4);
	ENDI
	TRIGGER
9.6	Write a procedure using notational parameters.
	set serveroutput on;
	create or replace procedure Grande ( n 14)
	set serveroutput on;  Create or replace procedure Grade (n IN)  Number, grade out vandon) as
	begn
	if n>90 men
	if $n>90$ men grade = $p'$ , clse if $n>80$ then

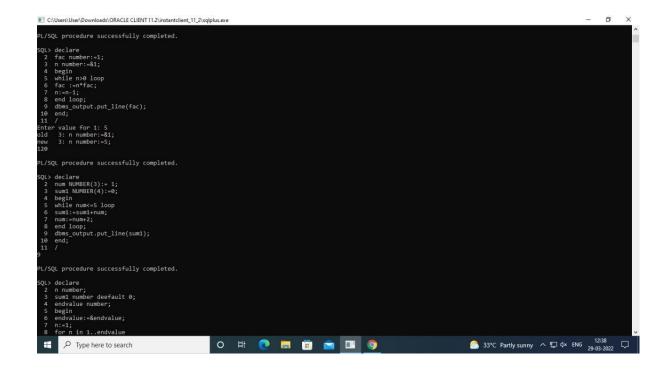


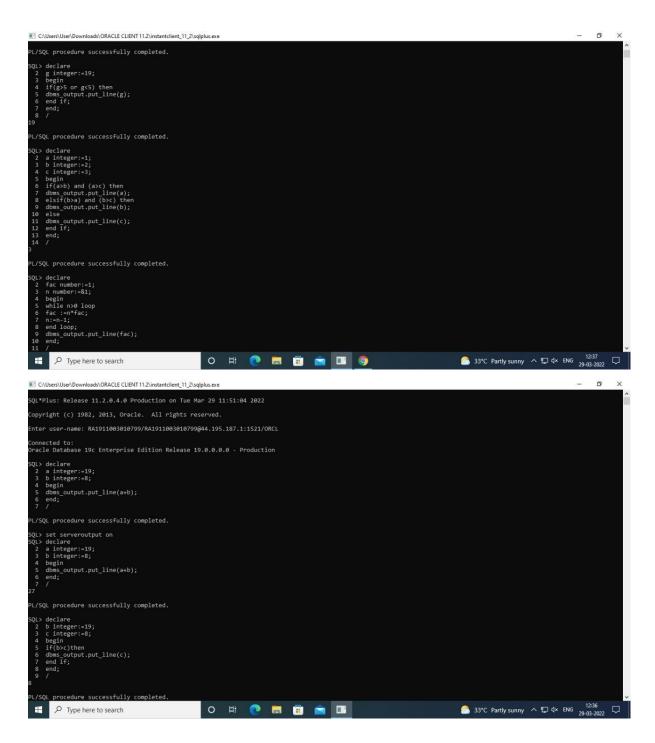
	grade = 1B";
	clse if n > 40 thon  grande = 'C';
	grade = 'C';
	Rlse if n > 60 men  grade = "D";  else  grade = "E";
	grade = "D";
	else
	grade = " E " ;
	end if;
	end;
	declare
y.	n number; grade vorchai (1);
	grade vorchai (1),
	begin
	n: = 91;
	Grade (n, grade)i
	dbms_owput.put_live('Grade: 'Il grade);
	end;
	Owput:  Grade: A
	Grade: A

## PL-SQL PROCEDURES

## Harshit Aggarwal RA1911003010782







## Commands

```
declare
a integer:=19;
b integer:=8;
begin
dbms_output.put_line(a+b);
end;
```

declare

```
b integer:=19;
c integer:=8;
begin
if(b>c) then
dbms output.put line(b);
else
dbms_output.put_line(c);
end if;
end;
declare
g integer:=19;
begin
if(g>5 or g<5) then
dbms_output.put_line(g);
end if;
end;
declare
a integer:=1;
b integer:=2;
c integer:=3;
begin
if(a>b) and (a>c) then
 dbms_output.put_line(a);
elsif(b>a) and (b>c) then
  dbms_output.put_line(b);
else
 dbms_output.put_line(c);
end if;
end;
create table emp
empno integer,
name varchar(19),
income integer,
basic integer,
hra integer
)
create or replace trigger abc
after update or insert or delete on emp
for each row
begin
if updating then
dbms_output.put_line('TABLE IS UPDATED');
elsif inserting then
dbms_output.put_line('TABLE IS INSERTED');
```

elsif deleting then
dbms\_output.put\_line('TABLE IS DELETED');
end if;
end;
insert into emp values(1,'govardhan',20000,15000,1233)
insert into emp values(2,'yasaswi',25000,13000,1236)
update emp set income=income+25000 where empno=1
delete emp where empno=2
select \* from emp