**PRACTICAL NO 1**

**PL/SQL BASICS**

* 1. USE OF VARIABLES

SET SERVEROUTPUT ON;

declare

v\_x number(5);

v\_y number(5);

v\_sum number(5);

BEGIN

v\_x:=10;

v\_y:=20;

v\_sum := v\_x + v\_y;

dbms\_output.put\_line('Sum is'||v\_sum);

END;

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* 1. WRITE EXECUTABLE STATEMENTS

create table emp(emp\_id number(5),emp\_name varchar2(10), emp\_sal number(10));

insert into emp values(1,'scott',5000);

insert into emp values(2,'bob',8000);

insert into emp values(3,'shark',3000);

select \* from emp;

set SERVEROUTPUT on;

declare

var\_sal number(10);

var\_eno number(5);

BEGIN

var\_eno :=&var\_eno;

SELECT emp\_sal into var\_sal from emp where emp\_id = var\_eno;

dbms\_output.put\_line(var\_sal);

END;

/

* 1. **%Type :-**

CREATE TABLE CUSTOMERS(

ID INT NOT NULL,

NAME VARCHAR (20) NOT NULL,

AGE INT NOT NULL,

ADDRESS CHAR (25),

SALARY DECIMAL (18, 2),

PRIMARY KEY (ID)

);

INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)

VALUES (1, 'Ramesh', 32, 'Ahmedabad', 2000.00 );

INSERT INTO CUSTOMERS

VALUES (2, 'Khilan', 25, 'Delhi', 1500.00 );

INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)

VALUES (3, 'kaushik', 23, 'Kota', 2000.00 );

INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)

VALUES (4, 'Chaitali', 25, 'Mumbai', 6500.00 );

INSERT INTO CUSTOMERS (ID,NAME,AGE,ADDRESS,SALARY)

VALUES (5, 'Hardik', 27, 'Bhopal', 8500.00 )

DECLARE

c\_id customers.id%type := 1;

c\_name customers.name%type;

c\_addr customers.address%type;

c\_sal customers.salary%type;

BEGIN

SELECT name, address, salary INTO c\_name, c\_addr, c\_sal

FROM customers

WHERE id = c\_id;

dbms\_output.put\_line

('Customer ' ||c\_name || ' from ' || c\_addr || ' earns ' || c\_sal);

END;

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* 1. INTERACTING WITH ORACLE SERVER

set serveroutput on;

declare

v\_x number(10);

v\_y number(10);

v\_sum number(10);

begin

v\_x :=&v\_x;

v\_y :=&v\_y;

v\_sum := v\_x + v\_y;

dbms\_output.put\_line('Sum is'|| v\_sum);

end;

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