**PL/SQL**

**AIM:**

Create a database and implement stored procedures.

**CODE:**

create database dept;

use dept;

create table dept(deptno varchar(20) not null,dname varchar(20) not null,loc varchar(20) not null,service\_type varchar(20) not null,primary key(deptno));

call dept\_desig('d001','don','kollam');

call dept\_desig('d002','farhana','ernakulam');

select \* from dept;

**STORED PROCEDURE:**

CREATE DEFINER=`root`@`localhost` PROCEDURE `dept\_desig`(deptno varchar(20),dname varchar(20),loc varchar(20))

BEGIN

if(loc="kollam")

then

insert into dept values(deptno,dname,loc,"hometown");

else

insert into dept values(deptno,dname,loc,"out station");

end if;

END

**AIM:**

Create a database and implement using functions.

**CODE:**

CREATE DATABASE emplo;

USE emplo;

CREATE TABLE emtb(E\_ID VARCHAR(20) NOT NULL,E\_NAME VARCHAR(20) NOT NULL,AGE INT(3) NOT NULL,SALARY INT(20) NOT NULL);

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("101","ANU","22","9000");

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("102","SHANE","29","8000");

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("103","ROHAN","34","6000");

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("104","SCOTT","44","10000");

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("105","TIGER","35","8000");

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("106","ALEX","27","7000");

INSERT INTO emtb(E\_ID, E\_NAME,AGE,SALARY)VALUES("107","ABHI","29","8000");

select e\_name,salary,designation(salary) from emtb;

**FUNCTION:**

CREATE DEFINER=`root`@`localhost` FUNCTION `designation`(salary int(20)) RETURNS varchar(20) CHARSET latin1

BEGIN

if(salary>40000)

then

return ("senior\_employee");

else

return ("junior\_employee");

end if;

END