

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
```