-- Lab7 Hemyan AL-kuwari

set serveroutput on;

declare

v\_deptno number(2);

v\_loc varchar2(15);

begin

select deptno, loc into v\_deptno, v\_loc from dept where dname='SALES';

dbms\_output.put\_line (to\_char(v\_deptno)||' '||v\_loc);

end;

declare

v number(6,2);

begin

select avg(sal) into v from emp;

dbms\_output.put\_line ('the average salary is '||to\_char(v));

end;

declare

v\_sal\_increase emp.sal%type := 2000;

begin

update emp

set sal = sal+v\_sal\_increase

where job='ANALYST';

end;

select sal from emp;

declare

x number(3):=0;

begin

select count(\*) into x from emp where sal<5000;

if x=0 then

dbms\_output.put\_line('No employee found');

else

dbms\_output.put\_line(x);

end if;

end;

declare

x number(3):=0;

begin

select deptno into x from dept where dname= 'IT';

exception

when no\_data\_found then

dbms\_output.put\_line('No such department');

end;

create or replace procedure pr\_class is

var\_code varchar2(30) := 'CMPS352';

var\_name varchar2(50) := ' Fundamental of DB system LAB ';

begin

dbms\_output.put\_line(' This course is '||var\_name||' which is '||var\_code);

end pr\_class;

execute pr\_class;

create or replace procedure emp\_sal(dept\_id number, sal\_raise number) is

begin

update emp set sal= sal\*sal\_raise where deptno=dept\_id;

dbms\_output.put\_line(' Salary updated successfully ');

end;

exec emp\_sal(20,0.5);

select \* from emp;

create or replace procedure adjust\_salary(in\_employee\_id in emp.empno%type, in\_percent in number) is

begin

update emp set sal= sal\*in\_percent/100

where empno=in\_employee\_id;

end;

select sal from emp where empno=7499;

execute adjust\_salary (7499,5);

select sal from emp where empno=7499;

create or replace function totalEmployees

return number is

total number(2):=0;

begin

select count(\*) into total

from emp;

return total;

end;

select totalEmployees from dual; -- To call the function

declare

c number (2);

begin

c := totalEmployees();

dbms\_output.put\_line(' Total no. of Employees: '||c);

end;