**1.**

DECLARE

name varchar(20);

rollno number;

mark1 number;

mark2 number;

mark3 number;

mark4 number;

total number;

percentage number(8,2);

BEGIN

name:='&name';

rollno := &rollno;

mark1 := &mark1;

mark2 := &mark2;

mark3 := &mark3;

mark4 := &mark4;

total := mark1 + mark2 + mark3 + mark4;

percentage := total/4;

DBMS\_OUTPUT.PUT\_LINE('---------------------------------------------');

DBMS\_OUTPUT.PUT\_LINE('Student Marklist');

DBMS\_OUTPUT.PUT\_LINE(' ');

DBMS\_OUTPUT.PUT\_LINE('NAME: '||name ||' '|| 'Roll No: '||rollno);

DBMS\_OUTPUT.PUT\_LINE('Total Mark = ' || total);

DBMS\_OUTPUT.PUT\_LINE('Percentage = ' || percentage);

DBMS\_OUTPUT.PUT\_LINE('----------------------------------------------');

END;

/

SQL> @pro1.sql

Enter value for name: Merin

old 11: name:='&name';

new 11: name:='Merin';

Enter value for rollno: 12

old 12: rollno := &rollno;

new 12: rollno := 12;

Enter value for mark1: 85

old 13: mark1 := &mark1;

new 13: mark1 := 85;

Enter value for mark2: 75

old 14: mark2 := &mark2;

new 14: mark2 := 75;

Enter value for mark3: 88

old 15: mark3 := &mark3;

new 15: mark3 := 88;

Enter value for mark4: 90

old 16: mark4 := &mark4;

new 16: mark4 := 90;

---------------------------------------------

Student Marklist

NAME: Merin Roll No: 12

Total Mark = 338

Percentage = 84.5

----------------------------------------------

PL/SQL procedure successfully completed.

Commit complete.

**2.**

declare

max\_sal number(8,2);

v\_empcount number(4);

v\_empname emp72.emp\_name%type;

v\_deptid emp72.dept\_id%type;

begin

select max(emp\_sal) into max\_sal from emp72;

dbms\_output.put\_line('The Highest salary is: '|| max\_sal);

select count(emp\_id) into v\_empcount from emp72 where emp\_sal=max\_sal;

if v\_empcount > 1 then

dbms\_output.put\_line('There are '|| v\_empcount ||' employees with this salary');

else

select emp\_name,dept\_id into v\_empname,v\_deptid from emp72 where emp\_sal=max\_sal;

dbms\_output.put\_line('The person having highest salary is '||v\_empname);

dbms\_output.put\_line('Department id is '||v\_deptid);

end if;

end;

/

SQL> @pro2.sql

The Highest salary is: 250000

The person having highest salary is Ben

Department id is 104

PL/SQL procedure successfully completed.

Commit complete.

**3.**

declare

v\_emp emp72%rowtype;

begin

select \* into v\_emp from emp72 where emp\_id = 12;

dbms\_output.put\_line('\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*');

dbms\_output.put\_line('Faculty Name: ' || v\_emp.emp\_name);

dbms\_output.put\_line('Joining Date: ' || v\_emp.emp\_join\_date);

dbms\_output.put\_line('Salary: ' || v\_emp.emp\_sal);

dbms\_output.put\_line('\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*');

end;

/

SQL> @pro3.sql

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Faculty Name: Emily

Joining Date: 15-MAY-05

Salary: 150000

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PL/SQL procedure successfully completed.

Commit complete.

**4.**

declare

n number;

i number:=1;

tot number:=0;

cursor emp is select emp\_sal from emp72;

cemp emp%rowtype;

begin

n:=&n;

open emp;

while (i<=n)

loop

fetch emp into cemp;

tot:=tot+cemp.emp\_sal;

i:=i+1;

end loop;

dbms\_output.put\_line('Total salary of '||n||' is '||tot);

close emp;

end;

/

SQL> @pro4.sql

Enter value for n: 11

old 8: n:=&n;

new 8: n:=11;

Total salary of 11 is 1008500

PL/SQL procedure successfully completed.

Commit complete.

**5.**

accept v\_id prompt 'Enter the Employee Id to search: ';

declare

v\_emp emp72%rowtype;

v\_id number;

begin

v\_id:=&v\_id;

select \* into v\_emp from emp72 where emp\_id=v\_id;

dbms\_output.put\_line('\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*');

dbms\_output.put\_line('Faculty Name: '||v\_emp.emp\_name);

dbms\_output.put\_line('Joining Date: '||v\_emp.emp\_join\_date);

dbms\_output.put\_line('Salary: '||v\_emp.emp\_sal);

dbms\_output.put\_line('\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*');

end;

/

SQL> @pro5.sql

Enter the Employee Id to search: 2

old 5: v\_id:=&v\_id;

new 5: v\_id:=2;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Faculty Name: Merin

Joining Date: 20-MAY-19

Salary: 80000

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

PL/SQL procedure successfully completed.

Commit complete.

SQL> @pro5.sql

Enter the Employee Id to search: 20

old 5: v\_id:=&v\_id;

new 5: v\_id:=20;

There is no employee with ID 20

PL/SQL procedure successfully completed.

Commit complete.