SQL> select \* from employee;

ENO ENAME

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

1 john

1. **Write an exception such that it will not accept eno<0.**

Declare

eno number;

ename varchar2(30);

exp1 EXCEPTION;

Begin

eno:= &emp\_no;

ename:= '&ename';

if eno<0 then

raise exp1;

else

insert into details values(eno,ename);

dbms\_output.put\_line('Data inserted');

end if;

EXCEPTION

when exp1 then

dbms\_output.put\_line('Eno should not be negative');

End;

/

Enter value for emp\_no: 2

old 6: eno:= &emp\_no;

new 6: eno:= 2;

Enter value for ename: mary

old 7: ename:= '&ename';

new 7: ename:= 'mary';

PL/SQL procedure successfully completed.

SQL> set serveroutput on

SQL> select \* from employee;

ENO ENAME

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

1 john

2 mary

SQL> insert into employee values(-1,'mark');

1 row created.

SQL> /

1 row created.

Declare

eno number;

ename varchar2(30);

exp1 EXCEPTION;

Begin

eno:= &emp\_no;

ename:= '&ename';

if eno<0 then

raise exp1;

else

insert into details values(eno,ename);

dbms\_output.put\_line('Data inserted');

end if;

EXCEPTION

when exp1 then

dbms\_output.put\_line('Eno should not be negative');

End;

/

Enter value for emp\_no: -3

old 6: eno:= &emp\_no;

new 6: eno:= -3;

Enter value for ename: joy

old 7: ename:= '&ename';

new 7: ename:= 'joy';

Eno should not be negative

PL/SQL procedure successfully completed.

SQL> select \* from employee;

ENO ENAME

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

1 john

2 mary

-1 mark

-1 mark

Records

**//create a record to insert**

SQL> Declare

2 type name is Record (eno number, ename varchar2(20));

3 x name;

4

5 Begin

6 x.eno:= &no;

7 x.ename:= '&Lname';

8 insert into employee values(x.eno,x.ename);

9

10 dbms\_output.put\_line('Data Inserted');

11 End;

12 /

Enter value for no: 7

old 6: x.eno:= &no;

new 6: x.eno:= 7;

Enter value for lname: jack

old 7: x.ename:= '&Lname';

new 7: x.ename:= 'jack';

Data Inserted

PL/SQL procedure successfully completed.

SQL> select \* from employee;

ENO ENAME

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

1 john

2 mary

-1 mark

-1 mark

5 man

7 jack

6 rows selected.

**//create record to update**

SQL> Declare

2 type detail is Record (eno number, ename varchar2(20));

3 x detail;

4

5 Begin

6 x.eno:= &no;

7 x.ename:= '&Lname';

8 update employee set eno=x.eno,ename=x.ename where eno=1;

9

10 dbms\_output.put\_line('Data updated');

11 End;

12 /

Enter value for no: 6

old 6: x.eno:= &no;

new 6: x.eno:= 6;

Enter value for lname: rosy

old 7: x.ename:= '&Lname';

new 7: x.ename:= 'rosy';

Data updated

PL/SQL procedure successfully completed.

SQL> select \* from employee;

ENO ENAME

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

6 rosy

2 mary

-1 mark

-1 mark

5 man

7 jack

6 rows selected.