```
ERROR:
ORA-04043: object emp1 does not exist
SQL> desc employee;
                                   Null?
Name
                                          Type
 EMPNO
                                          NUMBER(5)
ENAME
                                          VARCHAR2(20)
DOB
                                          DATE
DOJ
                                          DATE
BASIC PAY
                                          NUMBER(10,2)
DA
                                          NUMBER
PF
                                          NUMBER
HRA
                                          NUMBER
NETPAY
                                          NUMBER(10,2)
SQL> insert into employee (empno,ename,dob,doj,basic_pay) values
(11111, 'Arun', '02-feb-1999', '15-mar-2023', 26000);
1 row created.
SQL> select *from employee;
                       DOB DOJ BASIC_PAY
    EMPNO ENAME
______ ____
     PF HRA NETPAY
-----
    11111 Arun
                          02-FEB-99 15-MAR-23
                                               26000
SQL> select empno, ename, dob, doj, basic pay from employee;
    EMPNO ENAME
                          DOB DOJ BASIC_PAY
02-FEB-99 15-MAR-23 26000
    11111 Arun
SQL> insert into employee (empno,ename,dob,doj,basic pay) values
(22222, 'Baskar', '12-apr-1999', '11-jun-2023', 36000)
 2;
1 row created.
SQL> select empno, ename, dob, doj, basic pay from employee;
                                  DOJ BASIC_PAY
    EMPNO ENAME
                          DOB
                          02-FEB-99 15-MAR-23
    11111 Arun
                                               26000
```

SQL> desc emp1;

```
SQL> insert into employee (empno,ename,dob,doj,basic_pay) values
(&empno,'&ename','&dob','&doj',&basic pay);
Enter value for empno: 33333
Enter value for ename: Deva
Enter value for dob: 25-may-2000
Enter value for doj: 26-jan-2022
Enter value for basic_pay: 30000
      1: insert into employee (empno,ename,dob,doj,basic_pay) values
(&empno,'&ename','&dob','&doj',&basic_pay)
      1: insert into employee (empno,ename,dob,doj,basic_pay) values
(33333,'Deva','25-may-2000','26-jan-2022',30000)
1 row created.
SOL> /
Enter value for empno: 44444
Enter value for ename: Mani
Enter value for dob: 11-oct-1995
Enter value for doj: 30-dec-2021
Enter value for basic pay: 35600
      1: insert into employee (empno,ename,dob,doj,basic_pay) values
(&empno,'&ename','&dob','&doj',&basic_pay)
      1: insert into employee (empno,ename,dob,doj,basic_pay) values
(44444, 'Mani', '11-oct-1995', '30-dec-2021', 35600)
1 row created.
SQL> select empno, ename, dob, doj, basic_pay from employee;
```

EMPNO	ENAME	DOB	DOJ	BASIC_PAY
11111	Arun	02-FEB-99	15-MAR-23	26000
22222	Baskar	12-APR-99	11-JUN-23	36000
33333	Deva	25-MAY-00	26-JAN-22	30000
44444	Mani	11-0CT-95	30-DEC-21	35600

SQL> create table stud(rno number, name char(10), age number);

Table created.

```
SQL> insert into stud values(&rno,'&name',&age);
Enter value for rno: 101
Enter value for name: Dinesh
Enter value for age: 24
      1: insert into stud values(&rno,'&name',&age)
      1: insert into stud values(101, 'Dinesh',24)
```

1 row created.

```
SQL> /
Enter value for rno: 102
Enter value for name: Raman
Enter value for age: 27
      1: insert into stud values(&rno,'&name',&age)
old
      1: insert into stud values(102, 'Raman', 27)
new
1 row created.
SOL> /
Enter value for rno: 103
Enter value for name: Dana
Enter value for age: 29
      1: insert into stud values(&rno,'&name',&age)
old
new
      1: insert into stud values(103, 'Dana', 29)
1 row created.
SOL> /
Enter value for rno: 104
Enter value for name: Jana
Enter value for age: 35
      1: insert into stud values(&rno,'&name',&age)
new
      1: insert into stud values(104, 'Jana', 35)
1 row created.
SOL> /
Enter value for rno: 105
Enter value for name: Sundar
Enter value for age: 30
      1: insert into stud values(&rno,'&name',&age)
      1: insert into stud values(105, 'Sundar', 30)
new
1 row created.
SQL> select *from stud;
       RNO NAME
                            AGE
-----
       101 Dinesh
                            24
                             27
       102 Raman
                             29
       103 Dana
       104 Jana
                             35
       105 Sundar
                             30
SQL> select *from stud where age>30;
```

AGE

RNO NAME

```
104 Jana
SQL> select *From stud where name like '%__na';
no rows selected
SQL> select *From stud where name like '%_ana';
no rows selected
SQL> commit;
Commit complete.
SQL> select *From stud where name between '%a' and '%j';
no rows selected
SQL> select *From stud where name between 'a%' and 'j%';
no rows selected
SQL> select *From stud where name like '__na%';
      RNO NAME
                           AGE
-----
                            29
      103 Dana
      104 Jana
                            35
SQL> select *From stud where name like '___a%';
      RNO NAME
                           AGE
      102 Raman
      103 Dana
                            29
      104 Jana
                            35
SQL> select *From stud where name between 'd%' and 's%';
no rows selected
SQL> select *From stud where name between '%d' and '%s';
no rows selected
SQL> select *from stud where name in ('Raman', 'Jana');
      RNO NAME
_____
```

102	Raman	27
104	Jana	35

SQL> select \*from stud where name not in ('Raman','Jana');

RNO	NAME	AGE
101	Dinesh	24
103	Dana	29
105	Sundar	30

SQL> select \*from stud orderby name; select \*from stud orderby name

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> select \*from stud order by name;

RNO	NAME	AGE
103	Dana	29
101	Dinesh	24
104	Jana	35
102	Raman	27
105	Sundar	36

SQL> select \*from stud order by name desc;

RNO	NAME	AGE
105	Sundar	30
102	Raman	27
104	Jana	35
101	Dinesh	24
103	Dana	29

SQL> select \*from stud order by age desc;

RNO	NAME	AGE
104	Jana	35
105	Sundar	30
103	Dana	29
102	Raman	27
101	Dinesh	24

SQL> select \*from stud order by rno asc;

RNO	NAME	AGE
101	Dinesh	24
	Raman	24
	Dana	29
	Jana	35
105	Sundar	30

SQL> desc employee;

Name	Null?	Туре
EMPNO		NUMBER(5)
ENAME		VARCHAR2(20)
DOB		DATE
D0J		DATE
BASIC_PAY		NUMBER(10,2)
DA		NUMBER
PF		NUMBER
HRA		NUMBER
NETPAY		NUMBER(10,2)

SQL> update employee set
da=basic\_pay\*20/100,pf=basic\_pay\*12/100,hra=basic\_pay\*10/100;

4 rows updated.

SQL> select ename, basic\_pay, da, pf, hra from employee;

HRA
2600
3600
3000
3560

SQL> update employee set netpay=basic\_pay+da+hra-pf;

4 rows updated.

SQL> select ename, basic\_pay, da, pf, hra, netpay from employee;

ENAME	BASIC_PAY	DA	PF	HRA	NETPAY
Arun	26000	5200	3120	2600	30680
Baskar	36000	7200	4320	3600	42480
Deva	30000	6000	3600	3000	35400
Mani	35600	7120	4272	3560	42008

SQL> spool off;