

```
SQL> desc emp1;
ERROR:
ORA-04043: object emp1 does not exist
```

```
SQL> desc employee;
```

Name	Null?	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,dof,basic_pay) values
(11111,'Arun','02-feb-1999','15-mar-2023',26000);
```

1 row created.

```
SQL> select *from employee;
```

EMPNO	ENAME	DOB	DOJ	BASIC_PAY	DA
-----	-----	-----	-----	-----	-----
	PF	HRA	NETPAY		
-----	-----	-----	-----	-----	-----
11111	Arun	02-FEB-99	15-MAR-23	26000	

```
SQL> select empno,ename,dob,dof,basic_pay from employee;
```

EMPNO	ENAME	DOB	DOJ	BASIC_PAY
-----	-----	-----	-----	-----
11111	Arun	02-FEB-99	15-MAR-23	26000

```
SQL> insert into employee (empno,ename,dob,dof,basic_pay) values
(22222,'Baskar','12-apr-1999','11-jun-2023',36000)
```

```
2 ;
```

1 row created.

```
SQL> select empno,ename,dob,dof,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

```
SQL> insert into employee (empno,ename,dob,dof,basic_pay) values
(&empno,&ename,&dof,&dof,&basic_pay);
```

Enter value for empno: 33333

Enter value for ename: Deva

Enter value for dob: 25-may-2000

Enter value for dof: 26-jan-2022

Enter value for basic_pay: 30000

```
old 1: insert into employee (empno,ename,dob,dof,basic_pay) values
(&empno,&ename,&dof,&dof,&basic_pay)
```

```
new 1: insert into employee (empno,ename,dob,dof,basic_pay) values
(33333,'Deva','25-may-2000','26-jan-2022',30000)
```

1 row created.

```
SQL> /
```

Enter value for empno: 44444

Enter value for ename: Mani

Enter value for dob: 11-oct-1995

Enter value for dof: 30-dec-2021

Enter value for basic_pay: 35600

```
old 1: insert into employee (empno,ename,dob,dof,basic_pay) values
(&empno,&ename,&dof,&dof,&basic_pay)
```

```
new 1: insert into employee (empno,ename,dob,dof,basic_pay) values
(44444,'Mani','11-oct-1995','30-dec-2021',35600)
```

1 row created.

```
SQL> select empno,ename,dob,dof,basic_pay from employee;
```

EMPNO	ENAME	DOB	DOF	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-OCT-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

```
old 1: insert into stud values(&rno,&name,&age)
```

```
new 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
old 1: insert into stud values(&rno,&name,&age)
new 1: insert into stud values(102,'Raman',27)

```

1 row created.

```

SQL> /
Enter value for rno: 103
Enter value for name: Dana
Enter value for age: 29
old 1: insert into stud values(&rno,&name,&age)
new 1: insert into stud values(103,'Dana',29)

```

1 row created.

```

SQL> /
Enter value for rno: 104
Enter value for name: Jana
Enter value for age: 35
old 1: insert into stud values(&rno,&name,&age)
new 1: insert into stud values(104,'Jana',35)

```

1 row created.

```

SQL> /
Enter value for rno: 105
Enter value for name: Sundar
Enter value for age: 30
old 1: insert into stud values(&rno,&name,&age)
new 1: insert into stud values(105,'Sundar',30)

```

1 row created.

```
SQL> select *from stud;
```

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

```
SQL> select *from stud where age>30;
```

RNO	NAME	AGE
-----	------	-----

RNO	NAME	AGE
104	Jana	35

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
103	Dana	29
104	Jana	35

SQL> select *From stud where name like '___a%';

RNO	NAME	AGE
102	Raman	27
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	AGE
-----	------	-----

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

SQL> desc employee;

Name	Null?	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> 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;

ENAME	BASIC_PAY	DA	PF	HRA
Arun	26000	5200	3120	2600
Baskar	36000	7200	4320	3600
Deva	30000	6000	3600	3000
Mani	35600	7120	4272	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;