

```
SQL> create table stud1(rno number,sname char(10),m1 number,m2 number,total
number,average number(5,2));
```

Table created.

```
SQL> desc stud1;
```

Name	Null?	Type
RNO		NUMBER
SNAME		CHAR(10)
M1		NUMBER
M2		NUMBER
TOTAL		NUMBER
AVERAGE		NUMBER(5,2)

```
SQL> insert into stud1 (rno,sname,m1,m2) values(101,'Anu',90,98);
```

1 row created.

```
SQL> insert into stud1 (rno,sname,m1,m2) values(102,'Harsha',96,95);
```

1 row created.

```
SQL> insert into stud1 (rno,sname,m1,m2) values(103,'Haritha',91,93);
```

1 row created.

```
SQL> select *from stud1;
```

RNO	SNAME	M1	M2	TOTAL	AVERAGE
101	Anu	90	98		
102	Harsha	96	95		
103	Haritha	91	93		

```
SQL> update stud1 set total=m1+m2;
```

3 rows updated.

```
SQL> update stud1 set average=total/2;
```

3 rows updated.

```
SQL> select *from stud1;
```

RNO	SNAME	M1	M2	TOTAL	AVERAGE
101	Anu	90	98	188	94

102	Harsha	96	95	191	95.5
103	Haritha	91	93	184	92

SQL> select avg(m1) from stud1;

```

      AVG(M1)
-----
92.33333333

```

SQL> select avg(m2) from stud1;

```

      AVG(M2)
-----
95.33333333

```

SQL> select max(m1) from stud1;

```

      MAX(M1)
-----
          96

```

SQL> select min(m1) from stud1;

```

      MIN(M1)
-----
          90

```

SQL> select sum(m1) from stud1;

```

      SUM(M1)
-----
        277

```

SQL> select sum(m2) from stud1;

```

      SUM(M2)
-----
        286

```

SQL> select count(*) from stud1;

```

      COUNT(*)
-----
           3

```

SQL> select count(distinct m2) from stud1;

```

COUNT(DISTINCTM2)
-----
                 3

```

```
SQL> update stud1 set m2=95 where sname='Anu';
```

```
1 row updated.
```

```
SQL> select count(distinct m2) from stud1;
```

```
COUNT(DISTINCTM2)
-----
                2
```

```
SQL> create table dummy1(sno number,name char(10));
```

```
Table created.
```

```
SQL> create table dummy2(sno number,name char(10));
```

```
Table created.
```

```
SQL> insert into dummy1 values(1,'Arun');
```

```
1 row created.
```

```
SQL> insert into dummy1 values(2,'Kannan');
```

```
1 row created.
```

```
SQL> insert into dummy1 values(3,'Ram');
```

```
1 row created.
```

```
SQL> insert into dummy1 values(4,'sam');
```

```
1 row created.
```

```
SQL> insert into dummy1 values(5,'balu');
```

```
1 row created.
```

```
SQL> select *from dummy1l
```

```
2 ;
select *from dummy1l
      *
```

```
ERROR at line 1:
```

```
ORA-00942: table or view does not exist
```

```
SQL> select *from dummy1;
```

```
SNO NAME
```

```
-----  
1 Arun  
2 Kannan  
3 Ram  
4 sam  
5 balu
```

```
SQL> insert into dummy2 values(1,'Rajan');
```

```
1 row created.
```

```
SQL> insert into dummy2 values(6,'kumar');
```

```
1 row created.
```

```
SQL> insert into dummy2 values(7,'rajesh');
```

```
1 row created.
```

```
SQL> select *from dummy21
```

```
2
```

```
SQL> select *from dummy2;
```

```
SNO NAME  
-----
```

```
1 Rajan  
6 kumar  
7 rajesh
```

```
SQL> select sno,name from dummy1 union select sno,name from dummy2 order by 1;
```

```
SNO NAME  
-----
```

```
1 Arun  
1 Rajan  
2 Kannan  
3 Ram  
4 sam  
5 balu  
6 kumar  
7 rajesh
```

```
8 rows selected.
```

```
SQL> select sno,name from dummy1 union all select sno,name from dummy2 order by 1;
```

```
SNO NAME  
-----
```

```
1 Arun  
1 Rajan
```

2 Kannan
3 Ram
4 sam
5 balu
6 kumar
7 rajesh

8 rows selected.

SQL> select sno from dummy1 union all select sno from dummy2 order by 1;

```
      SNO
-----
      1
      1
      2
      3
      4
      5
      6
      7
```

8 rows selected.

SQL> select sno from dummy1 union select sno from dummy2 order by 1;

```
      SNO
-----
      1
      2
      3
      4
      5
      6
      7
```

7 rows selected.

SQL> select sno from dummy1 intersect select sno from dummy2 order by 1;

```
      SNO
-----
      1
```

SQL> select sno from dummy1 minus select sno from dummy2;

```
      SNO
-----
      2
      3
```

4
5

```
SQL> select sno from dummy2 minus select sno from dummy1;
```

```
      SNO  
-----  
        6  
        7
```

```
SQL> select sno,name from dummy2 minus select sno,name from dummy1;
```

```
      SNO NAME  
-----  
        1 Rajan  
        6 kumar  
        7 rajesh
```

```
SQL> select sno,name from dummy1 minus select sno,name from dummy2;
```

```
      SNO NAME  
-----  
        1 Arun  
        2 Kannan  
        3 Ram  
        4 sam  
        5 balu
```

```
SQL> spool off;
```