

```
SQL> Create TABLE Empp(ENO number(10),ENAME varchar(20),DEPT varchar(20),SALARY number);
Table created.

SQL> INSERT INTO Empp VALUES (1,'RAJU','PHILOSOPHY',90000) ;
1 row created.

SQL> INSERT INTO Empp VALUES (1,'RAJU','PHILOSOPHY
2
SQL> INSERT INTO Emp VALUES (2,'AKILA','ENGLISH',80000) ;
INSERT INTO Emp VALUES (2,'AKILA','ENGLISH',80000)
*
ERROR at line 1:
ORA-01722: invalid number

SQL> INSERT INTO Empp VALUES (2,'AKILA','ENGLISH',80000) ;
1 row created.

SQL> INSERT INTO Empp VALUES (3,'PADMA','HISTORY',60000) ;
1 row created.

SQL> INSERT INTO Empp VALUES (4,'SANJAY','MECH',100000) ;
1 row created.

SQL> INSERT INTO Empp VALUES (5,'LATHA','BIOLOGY',50000) ;
1 row created.

SQL> SELECT * FROM Empp ;
```

ENO	ENAME	DEPT	SALARY
1	RAJU	PHILOSOPHY	90000
2	AKILA	ENGLISH	80000
3	PADMA	HISTORY	60000

Humid Now

Search web & PC

ENG IN

08:47 AM
18-08-2025

```
SQL Plus
SQL> SELECT avg (salary) "average salary" FROM Emp ;

average salary
-----
          76000

SQL> SELECT min (salary) "minimum salary" FROM Emp ;

minimum salary
-----
          50000

SQL> SELECT max (salary) "maximum salary" FROM Emp ;

maximum salary
-----
         100000

SQL> SELECT count (eno) "number of employees" FROM Emp ;

number of employees
-----
                   5

SQL> SELECT sum (salary) "number of salary" FROM Emp ;

number of salary
-----
         380000

SQL> SELECT abs (20) "absolute value" FROM Dual ;

absolute value
-----
           20

SQL> SELECT round (1738.56) "round" FROM Dual ;

round
-----
     1739
```

```
SQL Plus
SQL> SELECT power (3,2) "power" FROM Dual ;

power
-----
     9

SQL> SELECT sqrt (25) "square root" FROM Dual ;

square root
-----
     5

SQL> SELECT exp (5) "exponent" FROM Dual ;

exponent
-----
148.413159

SQL> SELECT extract (year from date'2018-07-07') "year" FROM Dual ;

year
-----
  2018

SQL> SELECT extract (month from sysdate) "month" FROM Dual ;

month
-----
     8

SQL> SELECT greatest (4,10,20) "number" FROM Dual ;

number
-----
     20

SQL> SELECT least (4,10,20) "number" FROM Dual ;

number
-----
```

```
SQL Plus
4
SQL> SELECT mod (15,8) "number" FROM Dual ;

  number
-----
      7

SQL> SELECT trunc (138.356,1) "number" FROM Dual ;

  number
-----
   138.3

SQL> SELECT floor (28.6) "number" FROM Dual ;

  number
-----
     28

SQL> SELECT ceil (38.6) "number" FROM Dual ;

  number
-----
     39

SQL> SELECT lower (ename) FROM Emp ;
SELECT lower (ename) FROM Emp
*
ERROR at line 1:
ORA-00904: "ENAME": invalid identifier

SQL> SELECT initcap (ename) FROM Emp ;
SELECT initcap (ename) FROM Emp
*
ERROR at line 1:
ORA-00904: "ENAME": invalid identifier

SQL> SELECT upper (ename) FROM Emp ;
```

```
SQL Plus
LATHA

SQL> SELECT initcap (ename) FROM Emp ;

INITCAP(ENAME)
-----
Raju
Akila
Padma
Sanjay
Latha

SQL> SELECT lower (ename) FROM Emp ;

LOWER(ENAME)
-----
raju
akila
padma
sanjay
latha

SQL> SELECT ceil (38.6) "number" FROM Dual ;

      number
-----
          39

SQL> SELECT ascii ('a') FROM Dual ;

ASCII('A')
-----
       97

SQL> SELECT length ('priyanka') FROM Dual ;

LENGTH('PRIYANKA')
-----
                8

SQL> SELECT last_day (sysdate) FROM Dual ;
```

```
SQL Plus

LAST_DAY(
-----
31-AUG-25

SQL> SELECT add_months (sysdate, 5) FROM Dual ;

ADD_MONTH
-----
18-JAN-26

SQL> SELECT months_between ('02-feb-1992','08-oct-1992') FROM Dual ;

MONTHS_BETWEEN('02-FEB-1992','08-OCT-1992')
-----
-8.1935484

SQL> SELECT next_day ('04-jul-2018','tuesday') FROM Dual ;

NEXT_DAY(
-----
10-JUL-18

SQL> SELECT to_date ('04-jul-2018','dd-mm-yy') FROM Dual ;

TO_DATE('
-----
04-JUL-18

SQL> SELECT ltrim ('table name','d') FROM Dual ;

LTRIM('TAB
-----
table name

SQL> SELECT rtrim ('table name','a') FROM Dual ;

RTRIM('TAB
-----
table name
```