

PRACTICAL 5

5	Perform queries using string function:- upper(),lower(),initcap(),replace(),trim(),ltrim(),rtrim(),substr(),instr(),length(),ascii()
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```

```
CREATE TABLE employees1400 (  
    emp_id  NUMBER,  
    emp_name VARCHAR2(50),  
    emp_city VARCHAR2(50)  
);
```

```
INSERT INTO employees1400 VALUES (1, 'krishna singh', ' Delhi ');  
INSERT INTO employees1400 VALUES (2, 'RAHUL',      'Mumbai');  
INSERT INTO employees1400 VALUES (3, 'aMIT',      ' Pune');  
INSERT INTO employees1400 VALUES (4, 'Sneha',      'Kolkata ');  
INSERT INTO employees1400 VALUES (5, ' rohit ',    ' Chennai ');
```

```
SELECT emp_name, UPPER(emp_name) AS name_upper  
FROM employees1400;
```

```
SELECT emp_name, LOWER(emp_name) AS name_lower  
FROM employees1400;
```

```
SELECT emp_name, INITCAP(emp_name) AS name_initcap  
FROM employees1400;
```

```
SELECT emp_city, REPLACE(emp_city, ' ', '') AS city_no_spaces  
FROM employees1400;
```

```
SELECT emp_name, TRIM(emp_name) AS trimmed_name  
FROM employees1400;
```

```
SELECT emp_name, LTRIM(emp_name) AS ltrim_name  
FROM employees1400;
```

```
SELECT emp_name, RTRIM(emp_name) AS rtrim_name  
FROM employees1400;
```

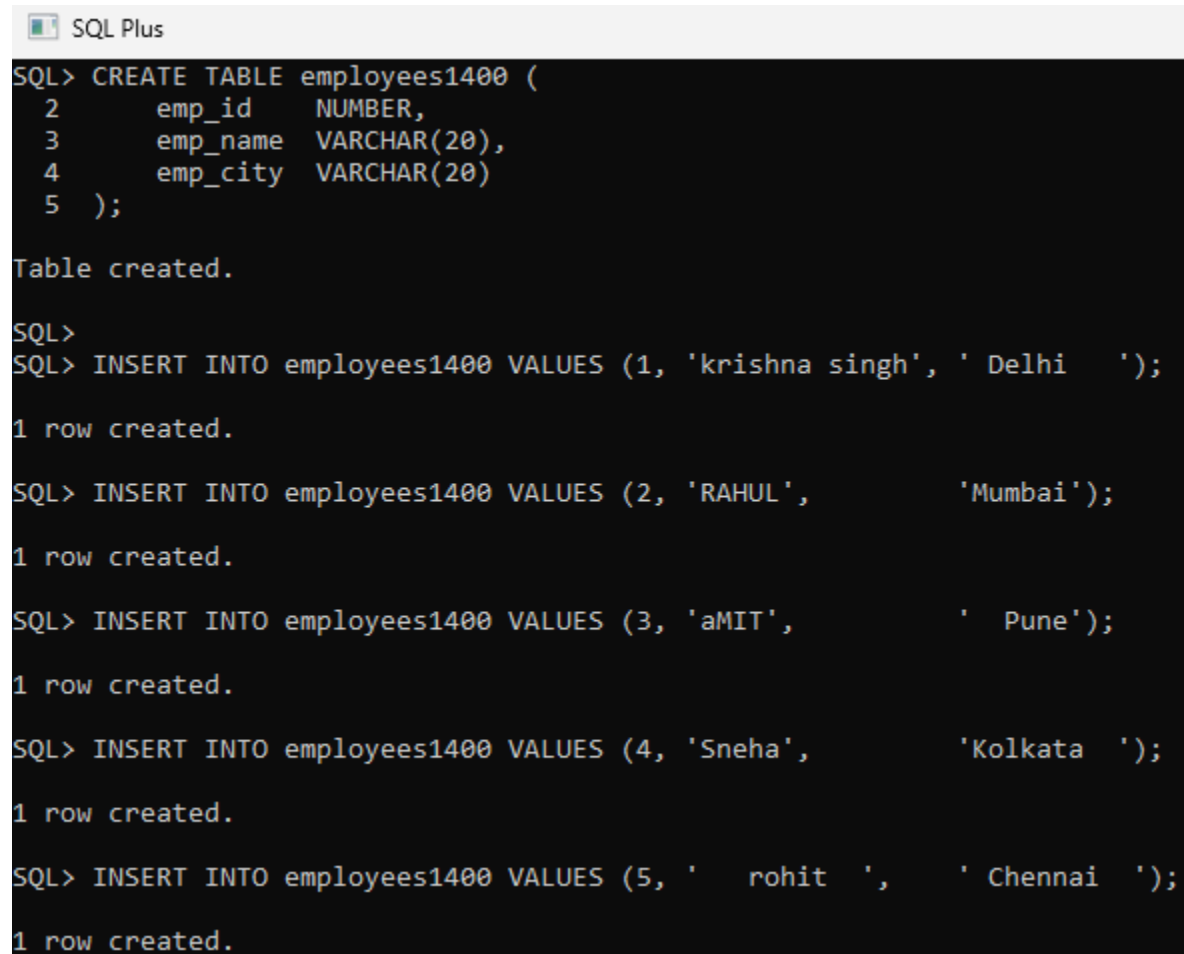
```
SELECT emp_name, SUBSTR(emp_name, 1, 5) AS first_five_chars  
FROM employees1400;
```

PRACTICAL 5

```
SELECT emp_name, INSTR(emp_name, 'a') AS position_of_a  
FROM employees1400;
```

```
SELECT emp_name, LENGTH(emp_name) AS name_length  
FROM employees1400;
```

```
SELECT emp_name, ASCII(SUBSTR(emp_name, 1, 1)) AS ascii_first_char  
FROM employees1400;
```



```
SQL Plus  
SQL> CREATE TABLE employees1400 (  
2     emp_id    NUMBER,  
3     emp_name  VARCHAR(20),  
4     emp_city  VARCHAR(20)  
5 );  
  
Table created.  
  
SQL>  
SQL> INSERT INTO employees1400 VALUES (1, 'krishna singh', ' Delhi ');  
  
1 row created.  
  
SQL> INSERT INTO employees1400 VALUES (2, 'RAHUL', 'Mumbai');  
  
1 row created.  
  
SQL> INSERT INTO employees1400 VALUES (3, 'aMIT', ' Pune');  
  
1 row created.  
  
SQL> INSERT INTO employees1400 VALUES (4, 'Sneha', 'Kolkata ');  
  
1 row created.  
  
SQL> INSERT INTO employees1400 VALUES (5, ' rohit ', ' Chennai ');  
  
1 row created.
```

PRACTICAL 5

```
SQL Plus

SQL> SELECT emp_name, UPPER(emp_name) AS name_upper
2 FROM employees1400;

EMP_NAME          NAME_UPPER
-----
krishna singh     KRISHNA SINGH
RAHUL             RAHUL
aMIT              AMIT
Sneha             SNEHA
  rohit           ROHIT

SQL>
SQL> SELECT emp_name, LOWER(emp_name) AS name_lower
2 FROM employees1400;

EMP_NAME          NAME_LOWER
-----
krishna singh     krishna singh
RAHUL             rahul
aMIT              amit
Sneha             sneha
  rohit           rohit

SQL>
SQL> SELECT emp_name, INITCAP(emp_name) AS name_initcap
2 FROM employees1400;

EMP_NAME          NAME_INITCAP
-----
krishna singh     Krishna Singh
RAHUL             Rahul
aMIT              Amit
Sneha             Sneha
  rohit           Rohit

SQL>
SQL> SELECT emp_city, REPLACE(emp_city, ' ', '') AS city_no_spaces
2 FROM employees1400;

EMP_CITY          CITY_NO_SPACES
-----
Delhi             Delhi
Mumbai            Mumbai
  Pune            Pune
Kolkata           Kolkata
Chennai           Chennai
```

PRACTICAL 5

```
SQL Plus

SQL> SELECT emp_name, TRIM(emp_name) AS trimmed_name
2 FROM employees1400;

EMP_NAME          TRIMMED_NAME
-----
krishna singh     krishna singh
RAHUL             RAHUL
aMIT              aMIT
Sneha             Sneha
    rohit         rohit

SQL>
SQL> SELECT emp_name, LTRIM(emp_name) AS ltrim_name
2 FROM employees1400;

EMP_NAME          LTRIM_NAME
-----
krishna singh     krishna singh
RAHUL             RAHUL
aMIT              aMIT
Sneha             Sneha
    rohit         rohit

SQL>
SQL> SELECT emp_name, RTRIM(emp_name) AS rtrim_name
2 FROM employees1400;

EMP_NAME          RTRIM_NAME
-----
krishna singh     krishna singh
RAHUL             RAHUL
aMIT              aMIT
Sneha             Sneha
    rohit         rohit

SQL>
SQL> SELECT emp_name, SUBSTR(emp_name, 1, 5) AS first_five_chars
2 FROM employees1400;

EMP_NAME          FIRST_FIVE_CHARS
-----
krishna singh     krish
RAHUL             RAHUL
aMIT              aMIT
Sneha             Sneha
    rohit         ro
```

PRACTICAL 5

```
SQL Plus

SQL> SELECT emp_name, INSTR(emp_name, 'a') AS position_of_a
2 FROM employees1400;

EMP_NAME          POSITION_OF_A
-----
krishna singh      7
RAHUL              0
aMIT              1
Sneha              5
    rohit          0

SQL>
SQL> SELECT emp_name, LENGTH(emp_name) AS name_length
2 FROM employees1400;

EMP_NAME          NAME_LENGTH
-----
krishna singh      13
RAHUL              5
aMIT              4
Sneha              5
    rohit          10

SQL>
SQL> SELECT emp_name, ASCII(SUBSTR(emp_name, 1, 1)) AS ascii_first_char
2 FROM employees1400;

EMP_NAME          ASCII_FIRST_CHAR
-----
krishna singh      107
RAHUL              82
aMIT              97
Sneha              83
    rohit          32
```