

# DBMS LAB - 1

## *SQL BASIC COMMANDS*

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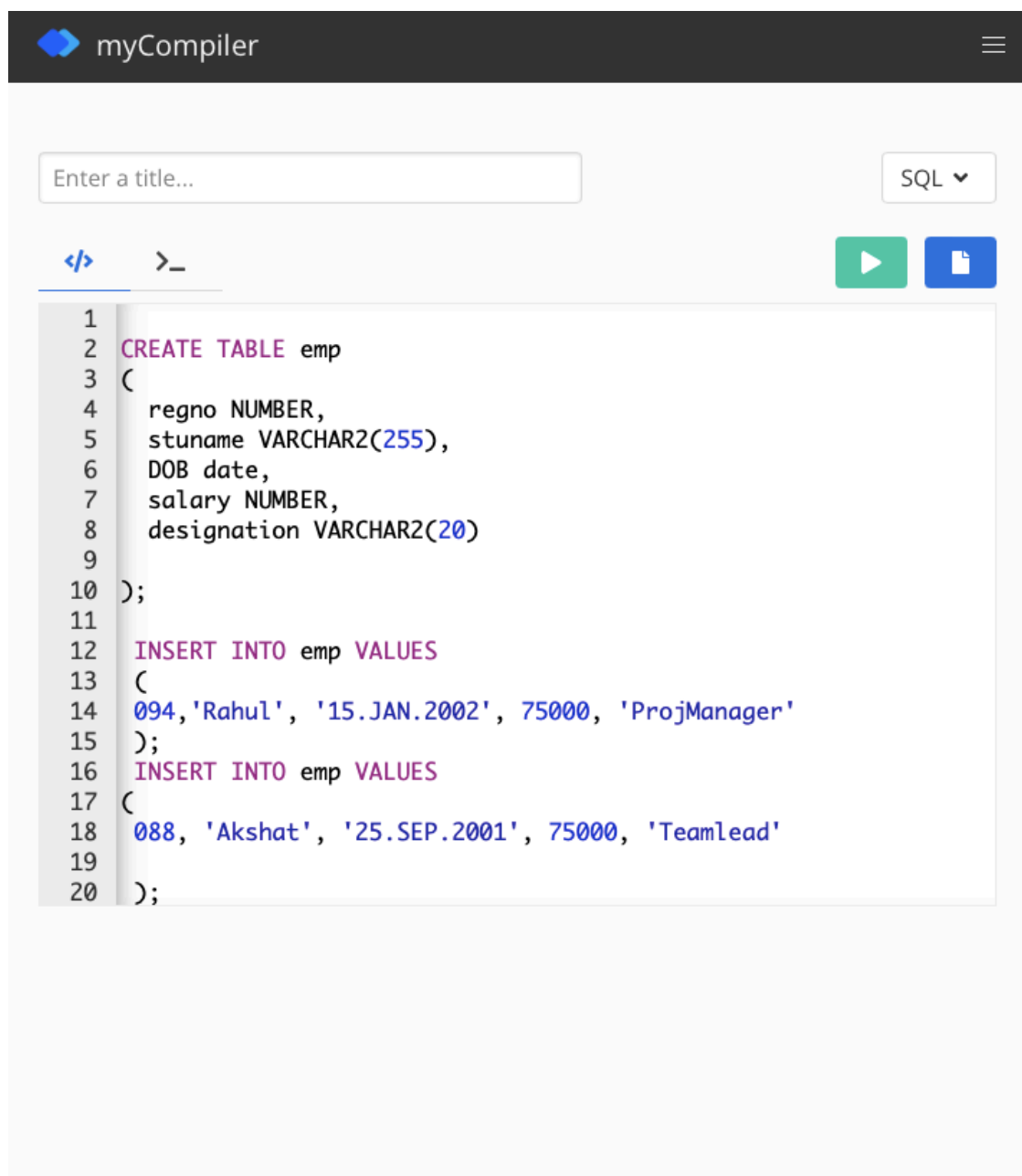
**Reg No:** RA1911030010094

**AIM:**

To write SQL queries to execute basic SQL commands.

**QUERIES:**

1. **Table Creation:** table with name 'emp' has been created





The screenshot shows the myCompiler web interface. At the top, there's a dark header with the 'myCompiler' logo and a hamburger menu icon. Below the header, there's a light gray area with a text input field labeled 'Enter a title...' and a dropdown menu set to 'SQL'. Below this is a code editor with a dark background. The code is as follows:

```
1
2 CREATE TABLE emp
3 (
4     regno NUMBER,
5     stuname VARCHAR2(255),
6     DOB date,
7     salary NUMBER,
8     designation VARCHAR2(20)
9
10 );
11
12 INSERT INTO emp VALUES
13 (
14     094, 'Rahul', '15.JAN.2002', 75000, 'ProjManager'
15 );
16 INSERT INTO emp VALUES
17 (
18     088, 'Akshat', '25.SEP.2001', 75000, 'Teamlead'
19
20 );
```

## 2. INSERTING VALUES

SQL ▾

```
13  (  
14  094, 'Rahul', '15.JAN.2002', 75000, 'ProjManager'  
15  );  
16  INSERT INTO emp VALUES  
17  (  
18  088, 'Akshat', '25.SEP.2001', 75000, 'Teamlead'  
19  );  
20  );  
21  INSERT INTO emp VALUES  
22  (  
23  089, 'Yukta', '09.AUG.2001', 75000, 'HRManager'  
24  );  
25  
26  select * from emp;  
27  
28  select stuname, salary from emp;  
29  
30  
31  
32
```

Supported languages



SQL ▾







```
94|Rahul|15.JAN.2002|75000|ProjManager
88|Akshat|25.SEP.2001|75000|Teamlead
89|Yukta|09.AUG.2001|75000|HRManager
```

```
[Execution complete with exit code 0]
```

### 3. DISPLAYING VALUES

SQL ▾

```
94|Rahul|15.JAN.2002|75000|ProjManager
88|Akshat|25.SEP.2001|75000|Teamlead
89|Yukta|09.AUG.2001|75000|HRManager
Rahul|75000
Akshat|75000
Yukta|75000

[Execution complete with exit code 0]
```

## 4. Modifying Values:

SQL ▾

```
18    000, 'HRManager', '09.AUG.2001', 75000, 'HRManager'
19
20 );
21 INSERT INTO emp VALUES
22 (
23     089, 'Yukta', '09.AUG.2001', 75000, 'HRManager'
24 );
25
26 select * from emp;
27
28 select stuname, salary from emp;
29
30 UPDATE emp SET salary = salary + 10000;
31
32 select * from emp;
33
34
35
36
37
38
```

```
94|Rahul|15.JAN.2002|85000|ProjManager  
88|Akshat|25.SEP.2001|85000|TeamLead  
89|Yukta|09.AUG.2001|85000|HRManager
```

```
[Execution complete with exit code 0]
```

## 5. Deleting Values:

Code Output

Run

Save

```
23 089, 'Yukta', '09.AUG.2001', 75000, 'HRManager'
24 );
25
26 select * from emp;
27
28 select stuname, salary from emp;
29
30 UPDATE emp SET salary = salary + 10000;
31
32 select * from emp;
33
34 DELETE FROM emp WHERE regno = 094;
35
36 select * from emp;
37
38
39
40
41
42
```

```
88|Akshat|25.SEP.2001|85000|Teamlead
89|Yukta|09.AUG.2001|85000|HRManager
```

[Execution complete with exit code 0]

**RESULT:** Thus the basic SQL queries were successfully executed and verified.