

EXPERIMENT-5

Aim: write SQL queries for the aggregate functions(sum,count,min,max,avg)

Creating a table:

```
SQL> CREATE TABLE students4 (  
2     student_id INT PRIMARY KEY,  
3     first_name VARCHAR(50),  
4     last_name VARCHAR(50),  
5     phone_number VARCHAR(15),  
6     address VARCHAR(255)  
7 );
```

Table created.

Inserting values into table :

```
SQL> INSERT INTO students4 VALUES(1,'Y','bindu',123456,'atp');  
  
1 row created.  
  
SQL> INSERT INTO students4 VALUES(2,'k','jyothi',123478,'ktc');  
  
1 row created.  
  
SQL> INSERT INTO students4 VALUES(3,'A','usha',123409,'tdp');  
  
1 row created.  
  
SQL> INSERT INTO students4 VALUES(4,'u','suppi',123402,'amp');  
  
1 row created.
```

Selecting table :

STUDENT_ID	FIRST_NAME	LAST_NAME	PHONE_NUMBER	ADDRESS
1	Y	bindu atp	123456	
2	k	jyothi ktc	123478	

Sum();

```
SQL> SELECT SUM(student_id) FROM students4;

SUM(STUDENT_ID)
-----
                15
```

Avg();

```
SQL> SELECT AVG(student_id) FROM students4;

AVG(STUDENT_ID)
-----
                 3
```

Min();

```
SQL> SELECT MIN(student_id) FROM students4;

MIN(STUDENT_ID)
-----
                1
```

Max();

```
SQL> SELECT MAX(student_id) FROM students4;
```

```
MAX(STUDENT_ID)
```

```
-----
```

```
5
```

Count();

```
SQL> SELECT COUNT(student_id) FROM students4;
```

```
COUNT(STUDENT_ID)
```

```
-----
```

```
5
```