EXPERIMENT-5

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

Creating a table:

```
  1  CREATE TABLE student(
  2  name  VARCHAR(10),
  3  age NUMBER,
  4  subject VARCHAR(15),
  5  marks NUMBER
  6* )
SQL-CSE530>/

Table created.
```

Inserting values into table :

```
SQL-CSE530>INSERT INTO student VALUES('Jagadeesh',19,'maths',30);

1 row created.

SQL-CSE530>INSERT INTO student VALUES('prabhas',20,'oopj',25);

1 row created.

SQL-CSE530>INSERT INTO student VALUES('Jagan',19,'DBMS',20);

1 row created.

SQL-CSE530>INSERT INTO student VALUES('KIRAN',20,'ENGLISH',24);

1 row created.

SQL-CSE530>INSERT INTO student VALUES('Arjun',18,'SE',27);

1 row created.
```

Selecting table :

```
SQL-CSE530>SELECT * FROM student;

NAME                AGE SUBJECT                MARKS
--------- ---------- -------------- ----------
Jagadeesh            19 maths                    30
prabhas              20 oopj                     25
Jagan                19 DBMS                     20
KIRAN                20 ENGLISH                  24
Arjun                18 SE                       27
```

Sum();

```
SQL-CSE530>SELECT SUM(marks) FROM student;

SUM(MARKS)
----------
       126
```

Avg();

```
SQL-CSE530>SELECT AVG(marks) FROM student;

AVG(MARKS)
----------
      25.2
```

Min();

```
SQL-CSE530>SELECT MIN(marks) FROM student;

MIN(MARKS)
----------
        20
```

Max();

```
SQL-CSE530>SELECT MAX(marks) FROM student;

MAX(MARKS)
----------
        30
```

Count();

```
SQL-CSE530>SELECT COUNT(marks) FROM student;

COUNT(MARKS)
------------
           5
```