

10. Create student table and Write SQL Query to describe following Aggregate Functions

-- Create Student table

```
CREATE TABLE Student (  
    student_id INT PRIMARY KEY,  
    name VARCHAR(100),  
    age INT,  
    grade FLOAT  
);
```

-- Insert data into Student table

```
INSERT INTO Student VALUES (1, 'John Doe', 20, 85);  
INSERT INTO Student VALUES (2, 'Alice Smith', 21, 90);  
INSERT INTO Student VALUES (3, 'Bob Johnson', 22, 75);  
INSERT INTO Student VALUES (4, 'Emma Lee', 20, 88);  
INSERT INTO Student VALUES (5, 'Mike Brown', 21, 92);
```

-- Showing the table

```
select * from Student;
```

-- Aggregate functions examples

-- Minimum

```
SELECT MIN(grade) AS min_grade FROM Student;
```

-- Maximum

```
SELECT MAX(grade) AS max_grade FROM Student;
```

-- Average

```
SELECT AVG(grade) AS avg_grade FROM Student;
```

-- Count

```
SELECT COUNT(*) AS num_students FROM Student;
```

-- Sum

```
SELECT SUM(grade) AS total_grade FROM Student;
```