11. Create Employee table and Write SQL Query to describe following Aggregate Functions

```
-- Create Employee table
CREATE TABLE Employee (
    employee_id INT PRIMARY KEY,
    name VARCHAR(100),
    department VARCHAR(50),
    salary DECIMAL(10, 2)
);

-- Insert data into Employee table
INSERT INTO Employee VALUES (1, 'John Doe', 'HR', 50000.00);
INSERT INTO Employee VALUES (2, 'Alice Smith', 'Finance', 60000.00);
INSERT INTO Employee VALUES (3, 'Bob Johnson', 'IT', 70000.00);
INSERT INTO Employee VALUES (4, 'Emma Lee', 'HR', 55000.00);
INSERT INTO Employee VALUES (5, 'Mike Brown', 'IT', 62000.00);

-- Showing the table
SELECT * FROM employee;

-- Aggregate functions examples
-- Average
SELECT AVG(salary) AS average_salary FROM Employee;

-- Count
SELECT COUNT(*) AS num_employees FROM Employee;

-- Sum
SELECT SUM(salary) AS total_salary FROM Employee;

-- Power (Example: power of 2)
SELECT POWER(salary, 2) AS salary_squared FROM Employee;

-- Square root
SELECT SQRT(salary) AS salary_sqrt FROM Employee;
```