

EXPERIMENT NO. 6

```
CREATE TABLE Employee (  
    Emp_Id INT PRIMARY KEY,  
    Name VARCHAR(20) NOT NULL,  
    Age INT,  
    Salary DECIMAL(10, 2)  
);
```

```
INSERT INTO Employee (Emp_Id, Name, Age, Salary) VALUES (101, 'Sumit', 18, 1500.50);  
INSERT INTO Employee (Emp_Id, Name, Age, Salary) VALUES (206, 'Rudra', 25, 2500.00);  
INSERT INTO Employee (Emp_Id, Name, Age, Salary) VALUES (207, 'Ansh', 30, 3500.00);  
INSERT INTO Employee (Emp_Id, Name, Age, Salary) VALUES (208, 'Ronak', 28, 2800.00);  
INSERT INTO Employee (Emp_Id, Name, Age, Salary) VALUES (209, 'Avinash', 40, 4500.00);  
SELECT * FROM Employee;
```

```
SELECT LOWER(Name) FROM Employee;  
SELECT UPPER(Name) FROM Employee;  
SELECT LENGTH(Name) FROM Employee;
```

```
SELECT SUM(Salary) FROM Employee;  
SELECT COUNT(Emp_Id) FROM Employee;  
SELECT MIN(Age) FROM Employee;  
SELECT MAX(Age) FROM Employee;  
SELECT AVG(Salary) FROM Employee;
```

EXPERIMENT NO. 5

```
CREATE TABLE Doctor (
```

```
    Id INT,
```

```
    Name VARCHAR(50),
```

```
    Address VARCHAR(100),
```

```
    Salary INT,
```

```
    Age INT
```

```
);
```

```
INSERT INTO Doctor (Id, Name, Address, Salary, Age)
```

```
VALUES
```

```
(1, 'Ravi', 'Delhi', 1500, 30),
```

```
(2, 'Harsh', 'Mumbai', 1400, 25);
```

```
SELECT * FROM Doctor;
```

```
BEGIN TRANSACTION;
```

```
INSERT INTO Doctor (Id, Name, Address, Salary, Age)
```

```
VALUES (5, 'Anaya', 'Hyderabad', 1700, 20);
```

```
SAVE TRANSACTION Savepoint1;
```

```
SELECT * FROM Doctor;
```

```
INSERT INTO Doctor (Id, Name, Address, Salary, Age)
```

```
VALUES (6, 'Ram', 'Hyderabad', 1700, 20);
```

```
SELECT * FROM Doctor;
```

```
ROLLBACK TRANSACTION Savepoint1;
```

```
SELECT * FROM Doctor;
```