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Experiment No.	C9
Topic	Crime Records

AIM:	**To Create Procedures in database.**
Program 1	
PROBLEM STATEMENT:	Write a procedure for any three problems given below- 1) Write a procedure to display depositor name and date whose opening account is after 12/3/1998. 2) Write a procedure block to display depositor details of a specific name. 3) Write a procedure to update (replace) all the names of customers with first character capital and others in lower case. 4) Write a procedure to display amount in the format 99,999,99. 5) Write a procedure to display average amount of depositors.
RESULT:	

```sql
1   CREATE DATABASE BankingDatabase;
2   USE BankingDatabase;
3
4   CREATE TABLE depositor (
5       depositor_id INT PRIMARY KEY,
6       depositor_name VARCHAR(255),
7       opening_date DATE
8   );
9
10  CREATE TABLE account (
11      account_id INT PRIMARY KEY,
12      depositor_id INT,
13      amount DECIMAL(10, 2),
14      FOREIGN KEY (depositor_id) REFERENCES depositor(depositor_id)
15  );
16
17  -- Insert sample data into the depositor table
18  INSERT INTO depositor (depositor_id, depositor_name, opening_date) VALUES
19  (1, 'Rajesh Kumar', '2005-05-15'),
20  (2, 'Smita Verma', '2010-08-23'),
21  (3, 'Amit Singh', '2017-03-10'),
22  (4, 'Neha Sharma', '2020-12-05'),
23  (5, 'Anil Verma', '2015-06-18');
24
25  -- Insert sample data into the account table
26  INSERT INTO account (account_id, depositor_id, amount) VALUES
27  (101, 1, 50000.00),
28  (102, 1, 75000.50),
29  (103, 2, 100000.75),
30  (104, 3, 45000.25),
31  (105, 4, 6000.00),
32  (106, 5, 90000.50);
33
34  DELIMITER //
35  CREATE PROCEDURE DisplayDepositorsAfterDate(IN target_date DATE)
36  BEGIN
37      SELECT depositor_name, opening_date
38      FROM depositor
39      WHERE opening_date > target_date;
40  END;
41
42  CREATE PROCEDURE DisplayDepositorByName(IN target_name VARCHAR(255))
43  BEGIN
44      SELECT *
45      FROM depositor
46      WHERE depositor_name = target_name;
47  END;
48
```

```sql
49      CREATE PROCEDURE UpdateDepositorNames()
50    ⊖ BEGIN
51          UPDATE depositor
52          SET depositor_name = CONCAT(UPPER(LEFT(depositor_name, 1)), LOWER(SUBSTRING(depositor_name, 2)));
53    └ END;
54      //
55      DELIMITER ;
56
57 •    CALL DisplayDepositorsAfterDate('1998-12-03');
58 •    CALL DisplayDepositorByName('Anil Verma');
59 •    CALL UpdateDepositorNames();
60
61 •    SELECT * FROM depositor;
```

Result:
Procedure 1

depositor_name	opening_date
Rajesh Kumar	2005-05-15
Smita Verma	2010-08-23
Amit Singh	2017-03-10
Neha Sharma	2020-12-05
Anil Verma	2015-06-18

Procedure 2

depositor_id	depositor_name	opening_date
5	Anil Verma	2015-06-18

Procedure 3

depositor_id	depositor_name	opening_date
1	Rajesh kumar	2005-05-15
2	Smita verma	2010-08-23
3	Amit singh	2017-03-10
4	Neha sharma	2020-12-05
5	Anil verma	2015-06-18
NULL	NULL	NULL