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1. Write a PL/SQL code block that will accept an account number from the user and debit an amount of Rs. 2000 from the account if the account has a minimum balance of Rs. 500 after the amount is debited. The process is to be fired on the Account table.

Table Name: Accounts

Account_Id	Name	Balance
AC 001	A	5000
AC 002	B	10000
AC 003	D	5000
AC 004	E	2000
AC 005	C	250

```
mysql> DELIMITER //
mysql>
mysql> CREATE PROCEDURE DebitFromAccount(IN account_no VARCHAR(24))
-> BEGIN
-> DECLARE b_balance FLOAT;
->
-> -- Check if the account exists and retrieve its balance
-> SELECT Balance INTO b_balance
-> FROM Accounts
-> WHERE Account_Id = account_no;
->
-> -- Debit Rs. 2000 if the account has a minimum balance of Rs. 500 after the debit
-> IF b_balance >= 2500 THEN
-> UPDATE Accounts
-> SET Balance = Balance - 2000
-> WHERE Account_Id = account_no;
->
-> SELECT 'Rs. 2000 debited successfully from account ' AS Message, balance from Accounts where Account_Id = account_no;
-> ELSE
-> SELECT 'Insufficient balance to perform the transaction.' AS Message;
-> END IF;
```

```

->
-> END //
Query OK, 0 rows affected (0.02 sec)

mysql> call DebitFromAccount('ACC 001') //
+-----+-----+
| Message | balance |
+-----+-----+
| Rs. 2000 debited successfully from account | 1000 |
+-----+-----+
1 row in set (0.05 sec)

Query OK, 0 rows affected (0.05 sec)

mysql> call DebitFromAccount('ACC 005') //
+-----+-----+
| Message |
+-----+-----+
| Insufficient balance to perform the transaction. |
+-----+-----+
1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

```

2. Write a PL/SQL code block that will check both the account numbers and names before transferring an amount from one account to another. Ensure proper error handling to manage scenarios

```

mysql> DELIMITER //
mysql>
mysql>
mysql> CREATE PROCEDURE TransferAmount(
->
->     IN p_sender_id VARCHAR(20),
->     IN p_receiver_id VARCHAR(20),
->     IN p_receiver_name varchar(5),
->     IN p_transfer_amount FLOAT
-> )
-> BEGIN
->     DECLARE v_sender_balance FLOAT;
->     DECLARE v_receiver_balance FLOAT;
->
->     -- Check if sender and receiver accounts exist and retrieve their balances
->     SELECT Balance INTO v_sender_balance
->     FROM Accounts
->     WHERE Account_Id = p_sender_id;
->
->     SELECT Balance INTO v_receiver_balance
->     FROM Accounts
->     WHERE Account_Id = p_receiver_id and Name = p_receiver_name;

```

