Scenario 2 : A customer can be promoted to VIP status based on their balance

Question : Write a PL/SQL block that iterates through all customers and sets a flag IsVIP to TRUE for those with a balance over $10,000.

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CREATE TABLE VIPstatus(

CustomerID NUMBER REFERENCES Customers(CustomerID),

Balance NUMBER,

IsVIP VARCHAR2(10) DEFAULT 'UNKNOWN' CHECK (IsVIP IN ('TRUE','FALSE')),

PRIMARY KEY(CustomerID));

DECLARE

IsVIP VARCHAR2(10);

BEGIN

FOR rec IN (SELECT \* FROM Customers)

LOOP

IF rec.Balance>10000

THEN

IsVIP := 'TRUE';

ELSE

IsVIP := 'FALSE';

END IF;

INSERT INTO VIPstatus VALUES(rec.CustomerID,rec.Balance,IsVIP);

COMMIT;

END LOOP;

END;

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After executing the PL/SQL procedure

SELECT \* FROM VIPstatus;

CUSTOMERID BALANCE ISVIP

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1 1000 FALSE

2 1500 FALSE

3 1700 FALSE

4 2000 FALSE

5 1300 FALSE

6 10000 FALSE