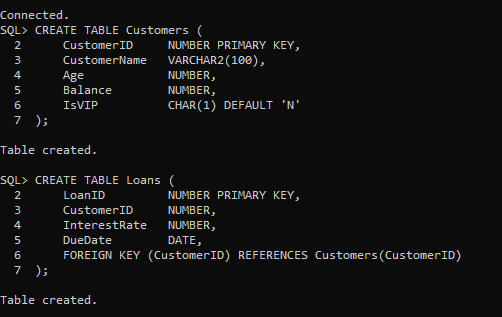
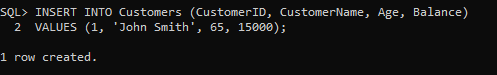
**PL\_SQL EXERCISES**

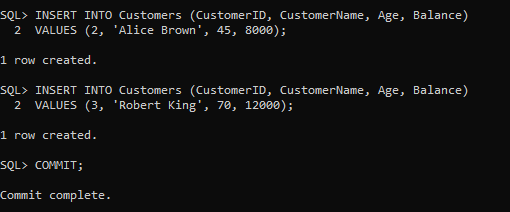
**Exercise 1: Control Structures**

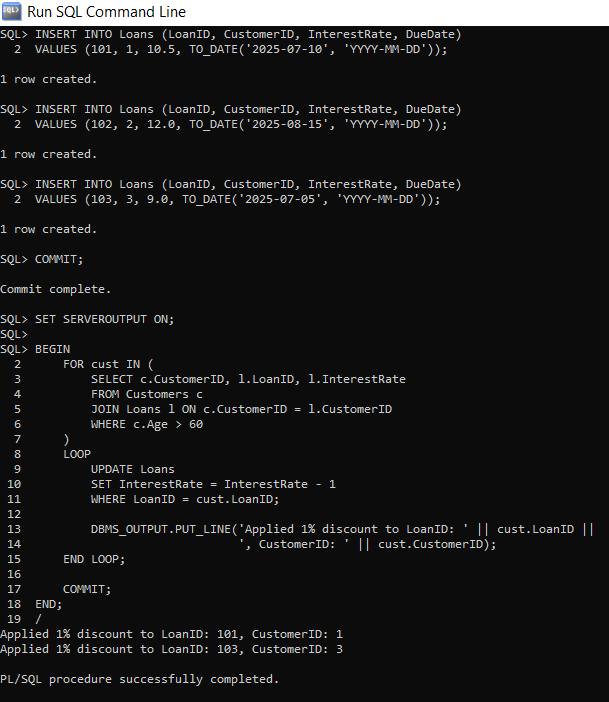
Scenario 1: The bank wants to apply a discount to loan interest rates for customers above 60 years old.

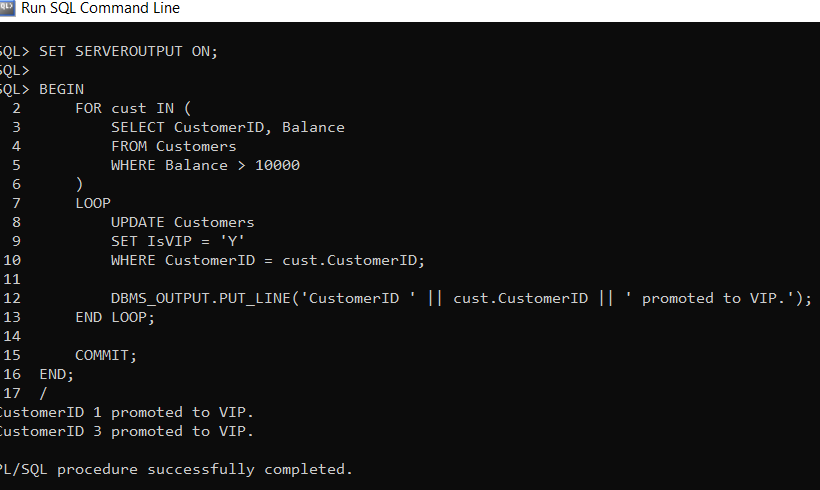
Question: Write a PL/SQL block that loops through all customers, checks their age, and if they are above 60, apply a 1% discount to their current loan interest rates.

****

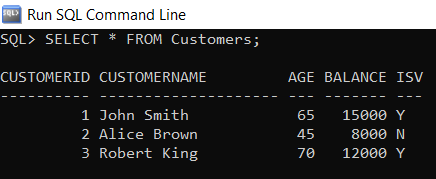
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Scenario 2: A customer can be promoted to VIP status based on their balance. oQuestion: Write a PL/SQL block that iterates through all customers and sets a flag IsVIP to TRUE for those with a balance over $10,000.****

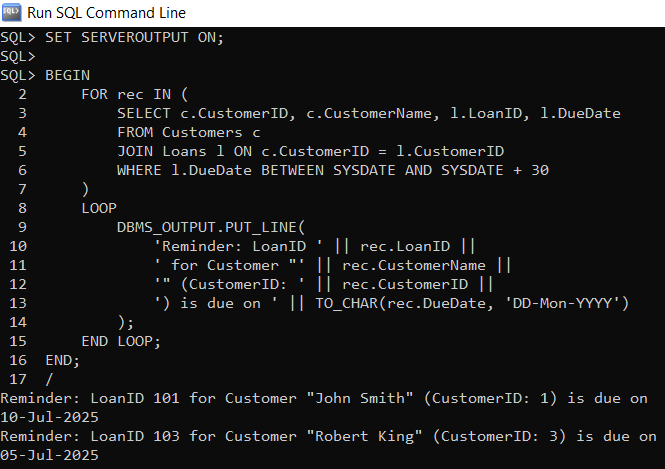
OUTPUT:

****

Scenario 3: The bank wants to send reminders to customers whose loans are due within the next 30 days.

* + Question: Write a PL/SQL block that fetches all loans due in the next 30 days and prints a reminder message for each customer.

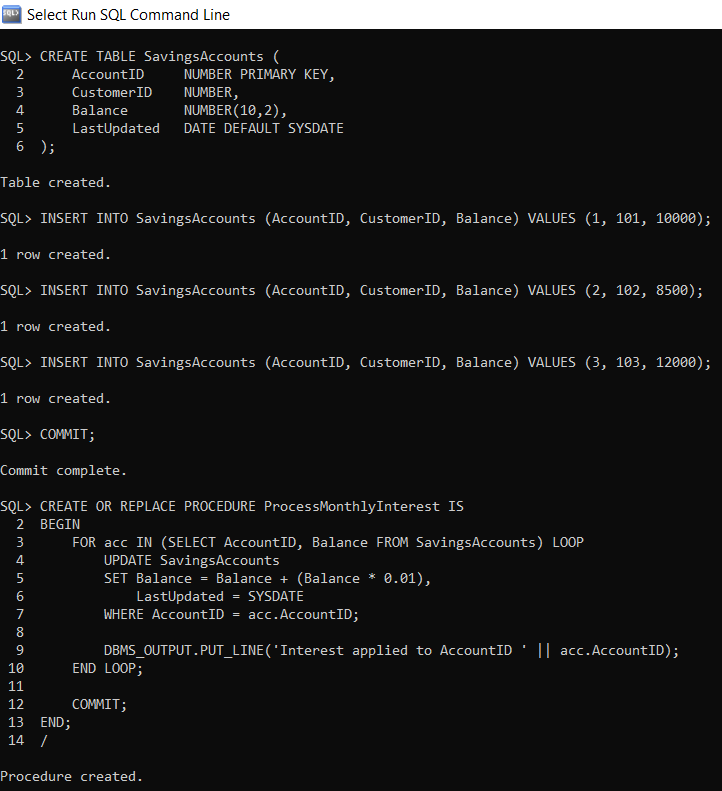
**Queries and output:**

****

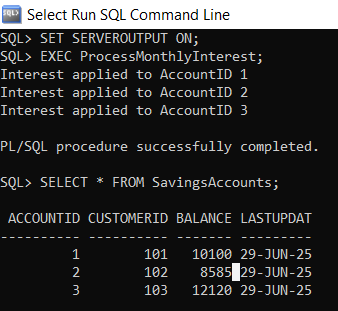
**Exercise 2: Stored Procedures**

Scenario 1: The bank needs to process monthly interest for all savings accounts.

Question: Write a stored procedure ProcessMonthlyInterest that calculates and updates the balance of all savings accounts by applying an interest rate of 1% to the current balance.

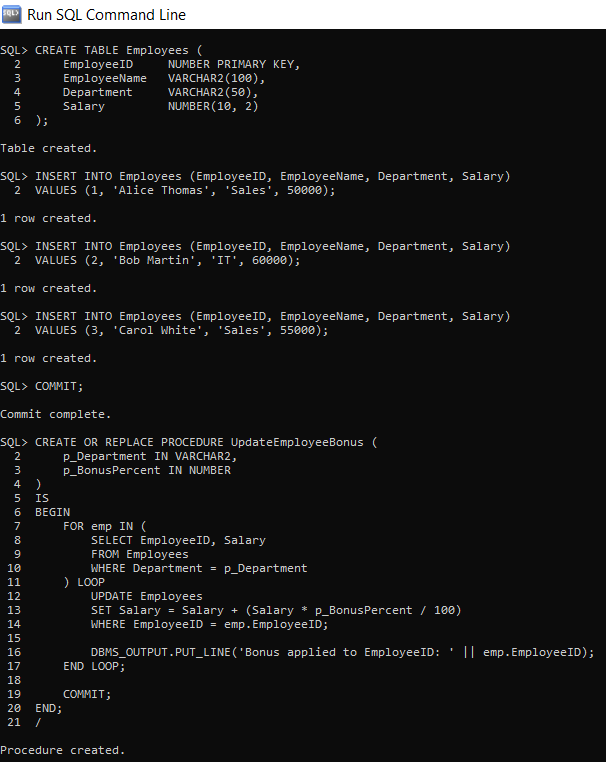
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**OUTPUT:**

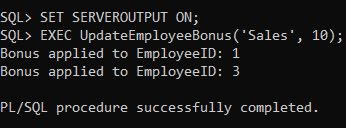
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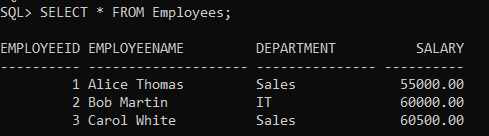
Scenario 2: The bank wants to implement a bonus scheme for employees based on their performance.

Question: Write a stored procedure UpdateEmployeeBonus that updates the salary of employees in a given department by adding a bonus percentage passed as a parameter.



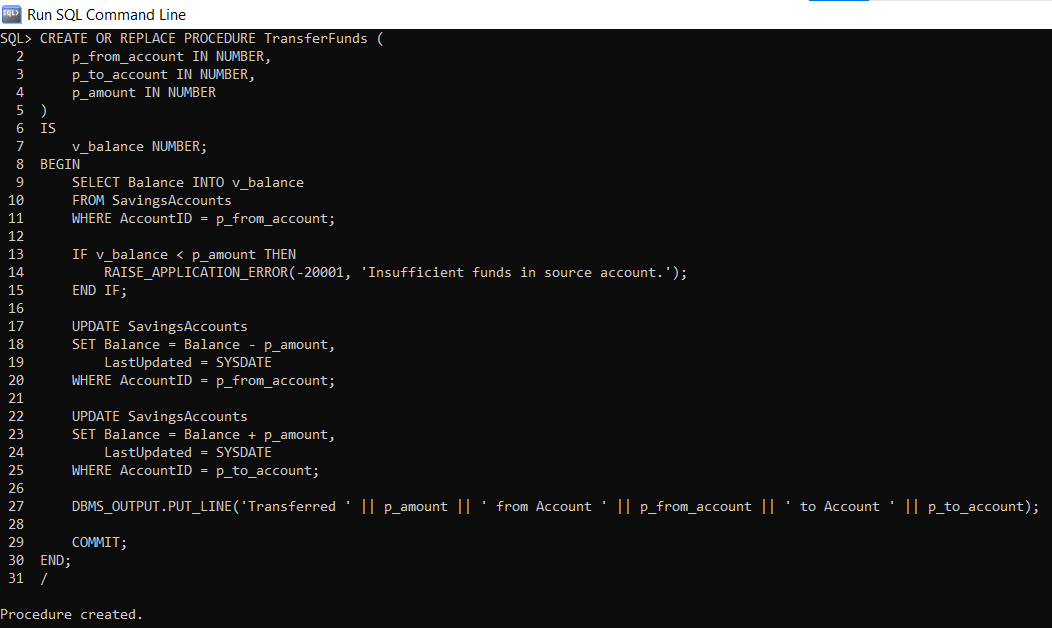
OUTPUT:





**Scenario 3:** Customers should be able to transfer funds between their accounts.

* + **Question:** Write a stored procedure **TransferFunds** that transfers a specified amount from one account to another, checking that the source account has sufficient balance before making the transfer.



OUTPUT:

