**SUPERSET ID: 6065629 NAME : SHREYAS P P**

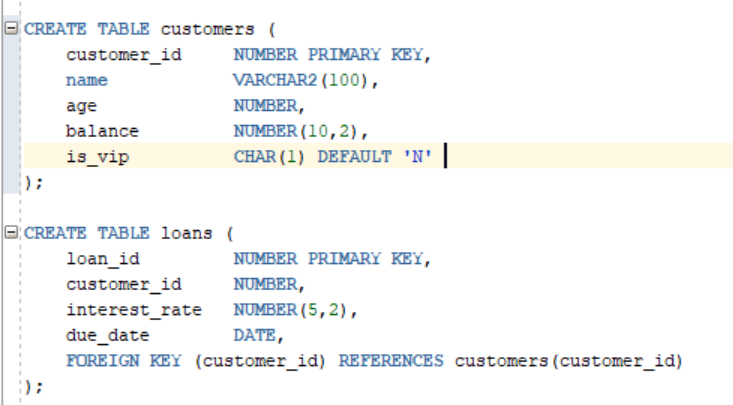
**Exercise 1: Control Structures**

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

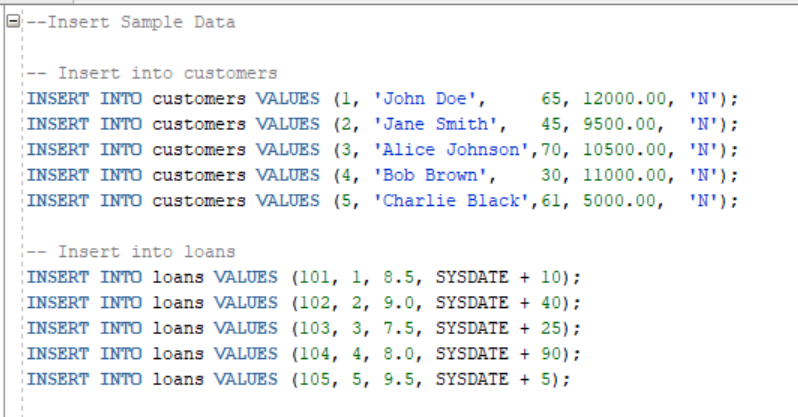
* + **Question:** Write a PL/SQL block that loops through all customers, checks their age, and if they are above 60, apply a 1% discount to their current loan interest rates.

**ANSWER:-**

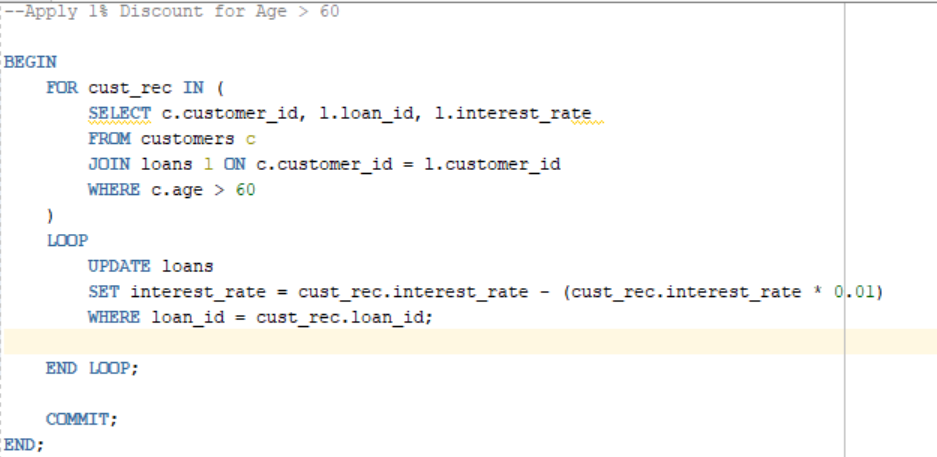
**Create the customers and loans Tables**



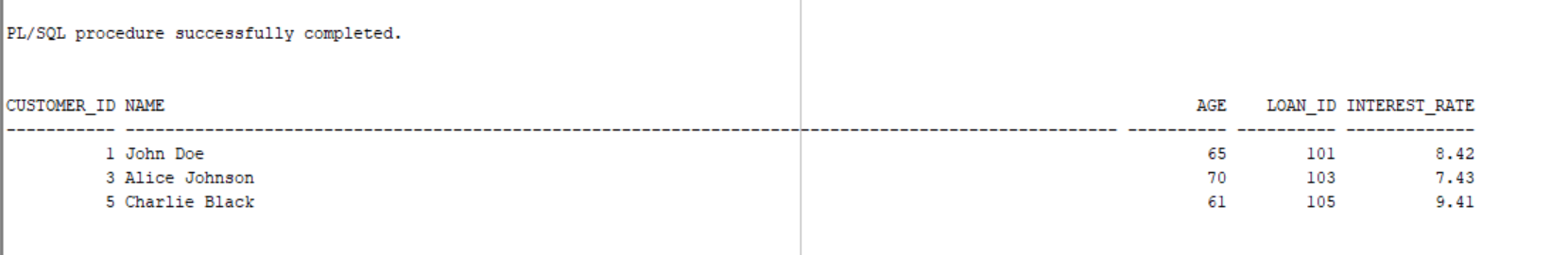
**Insert Sample Data**

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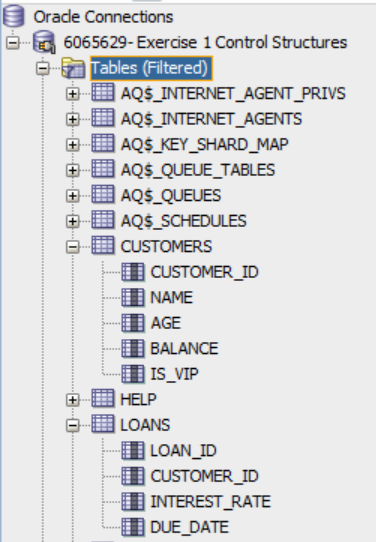
**Apply 1% Discount for Age > 60**

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**Output**

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**Folder Structure**

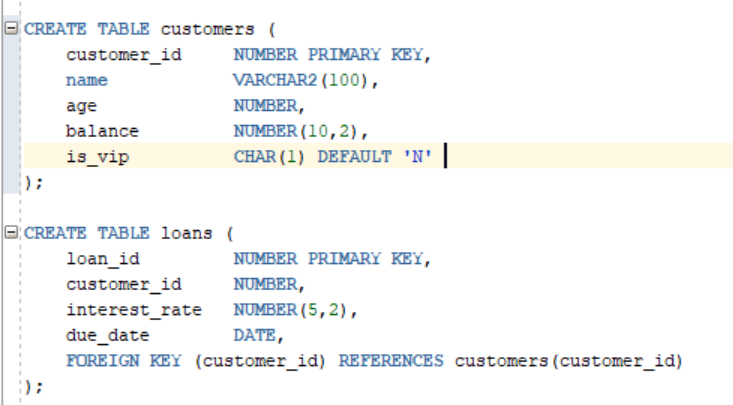
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**Scenario 2: A customer can be promoted to VIP status based on their balance.**

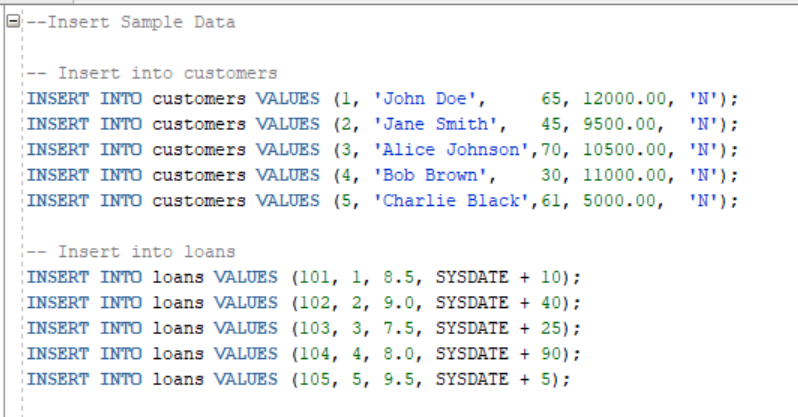
* + Question: Write a PL/SQL block that iterates through all customers and sets a flag IsVIP to TRUE for those with a balance over $10,000.

**ANSWER:-**

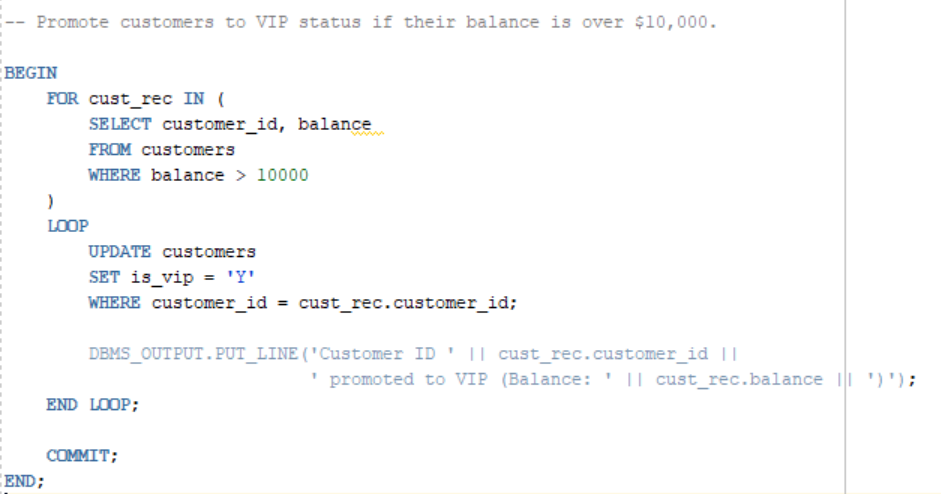
**Create the customers and loans Tables**



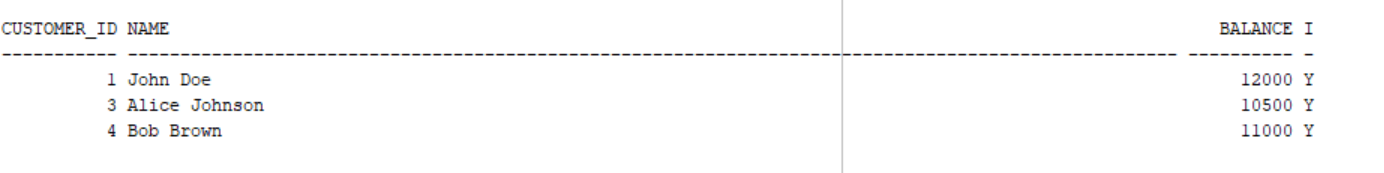
**Insert Sample Data**

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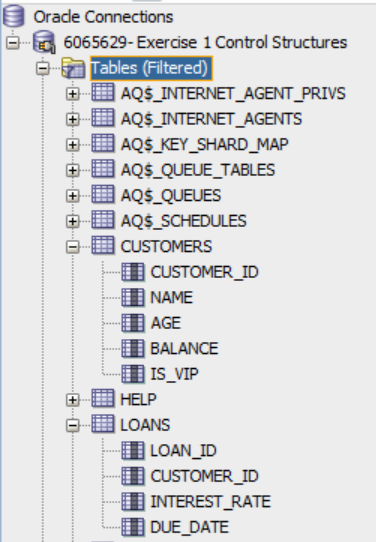
**Promote customers to VIP status if their balance is over $10,000.**

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**Output**

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**Folder Structure**

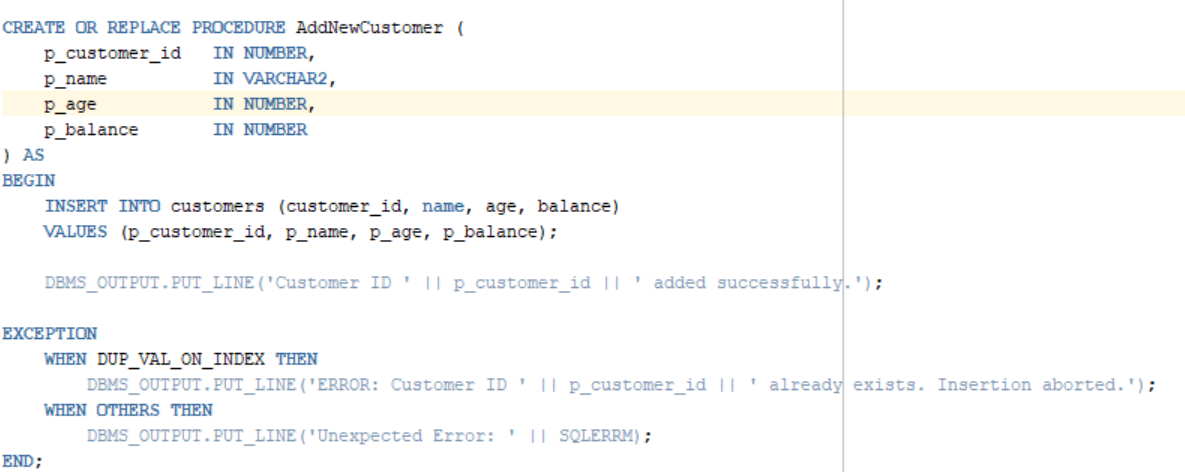
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**Scenario 3: Ensure data integrity when adding a new customer.**

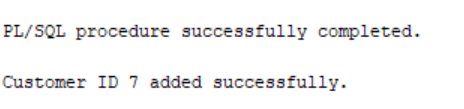
* + Question: Write a stored procedure AddNewCustomer that inserts a new customer into the Customers table. If a customer with the same ID already exists, handle the exception by logging an error and preventing the insertion.

**ANSWER:**

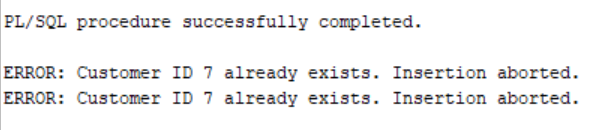
**Write a stored procedure AddNewCustomer that inserts a new customer into the Customers table**

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**Output**

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**When same ID is repeated**

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