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

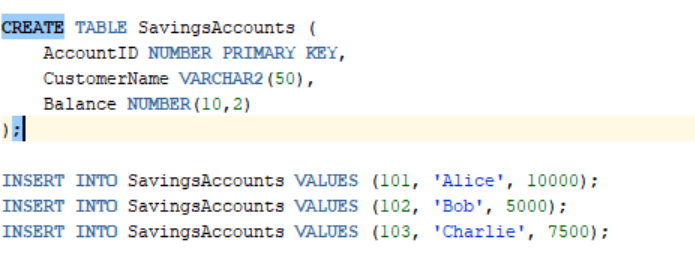
**Exercise 3: Stored Procedures**

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

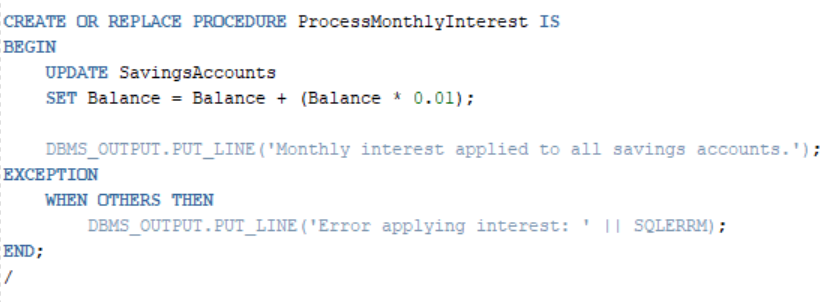
* + **Question:** Write a stored procedure **ProcessMonthlyInterest** that calculates and updates the balance of all savings accounts by applying an interest rate of 1% to the current balance.

**Answer**

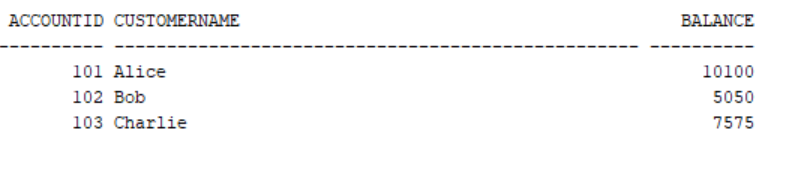
**Create Table**

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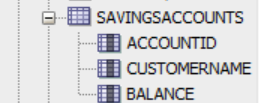
**Applies a 1% interest to the current balance of all rows in the SavingsAccounts table.**

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**Output**

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**Folder Structure**

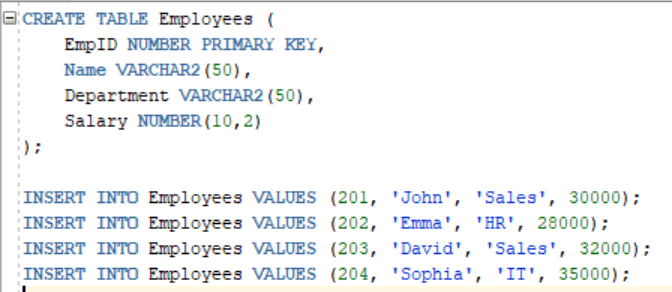
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**Scenario 2: The bank wants to implement a bonus scheme for employees based on their performance.**

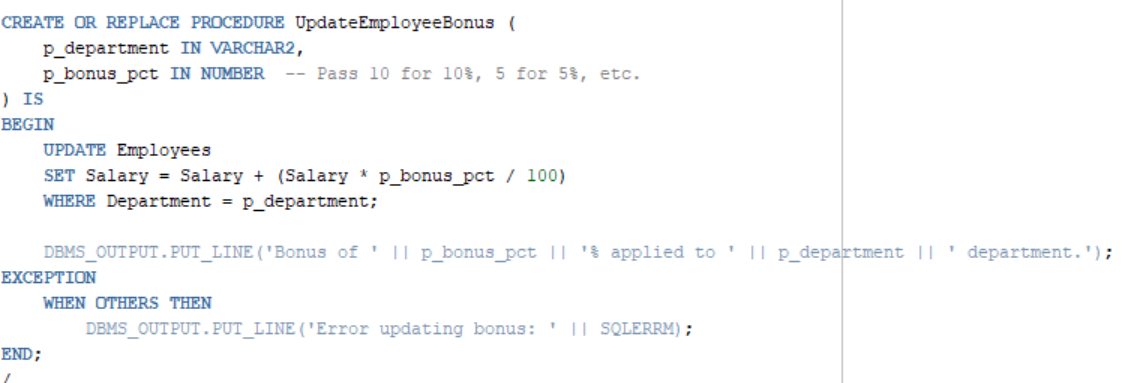
* + Question: Write a stored procedure UpdateEmployeeBonus that updates the salary of employees in a given department by adding a bonus percentage passed as a parameter.

**Answer**

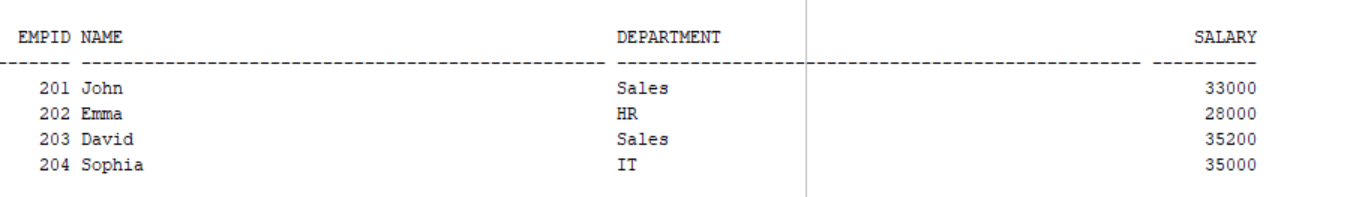
**Create Table**

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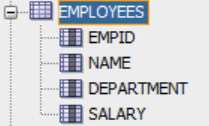
**Accepts the department name and bonus percentage as input parameters and increases the salary of all employees in that department by the given percentage.**

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**Output**

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**Folder Structure**

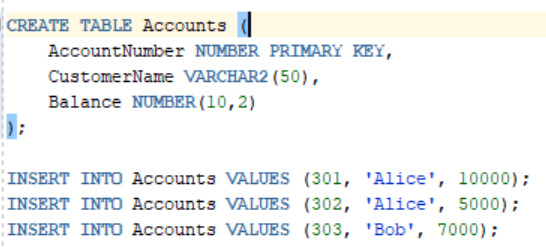
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**Scenario 3: Customers should be able to transfer funds between their accounts.**

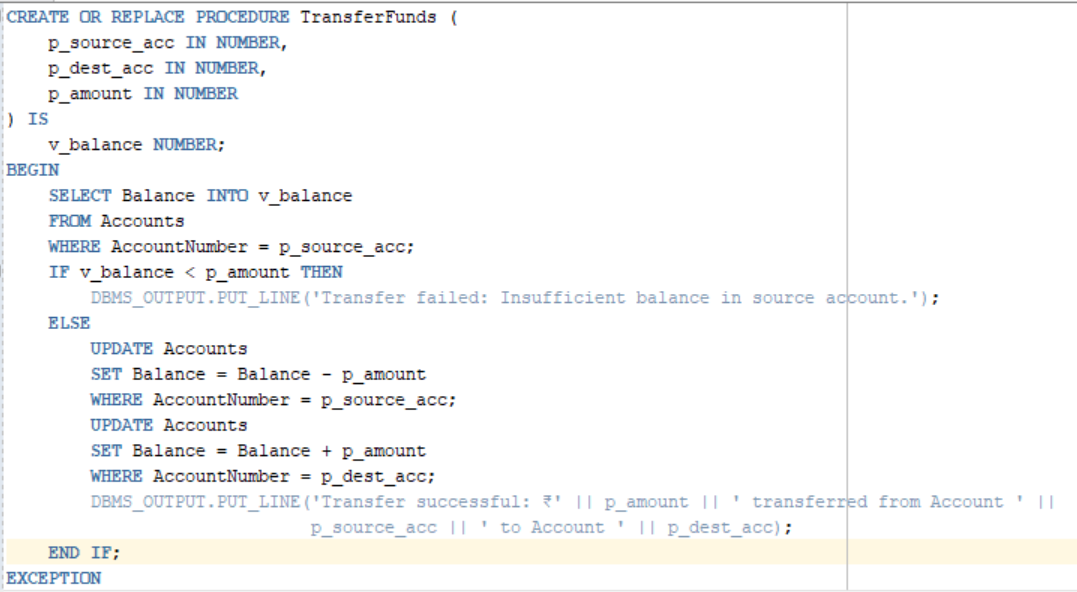
* + Question: Write a stored procedure TransferFunds that transfers a specified amount from one account to another, checking that the source account has sufficient balance before making the transfer.

**Answers**

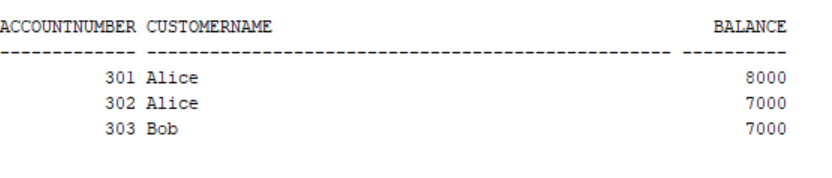
**Create Table**

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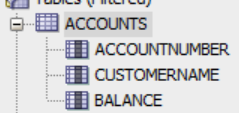
**Transfer Funds**

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**Output**

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**Folder Structure**

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