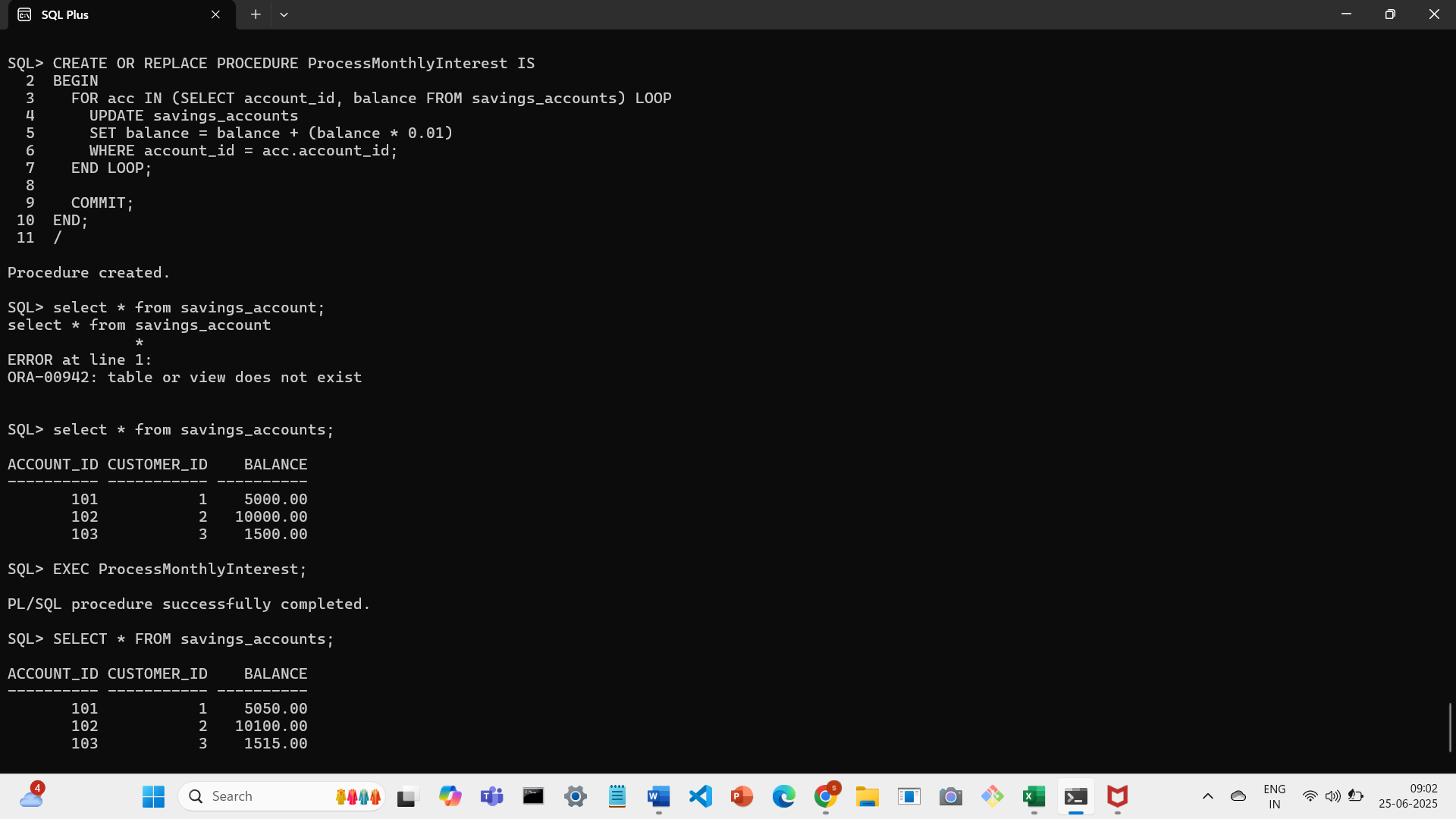
**Exercise 3: Stored Procedures**

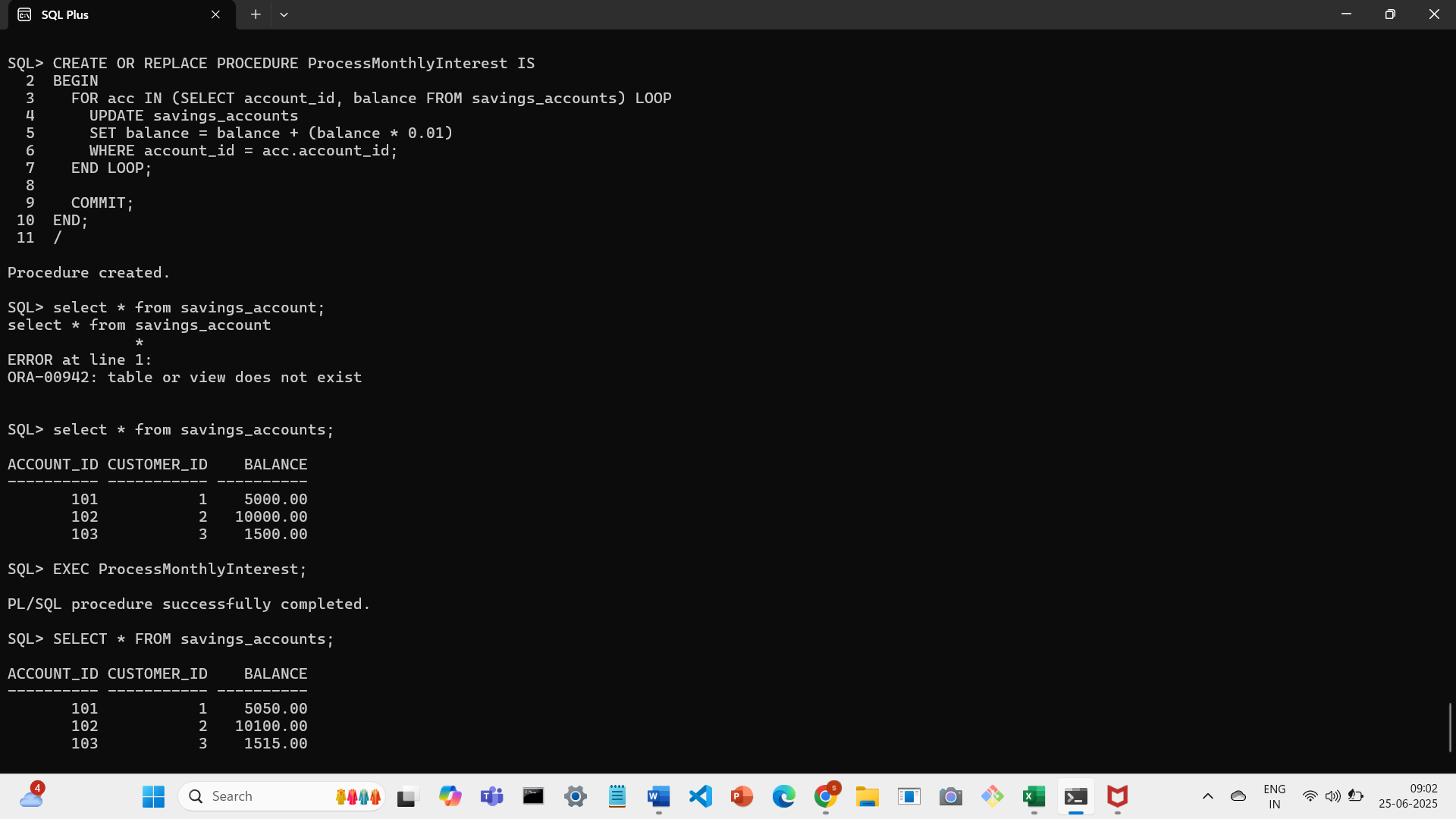
**Scenario 1:** The bank needs to process monthly interest for all savings accounts.

**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.

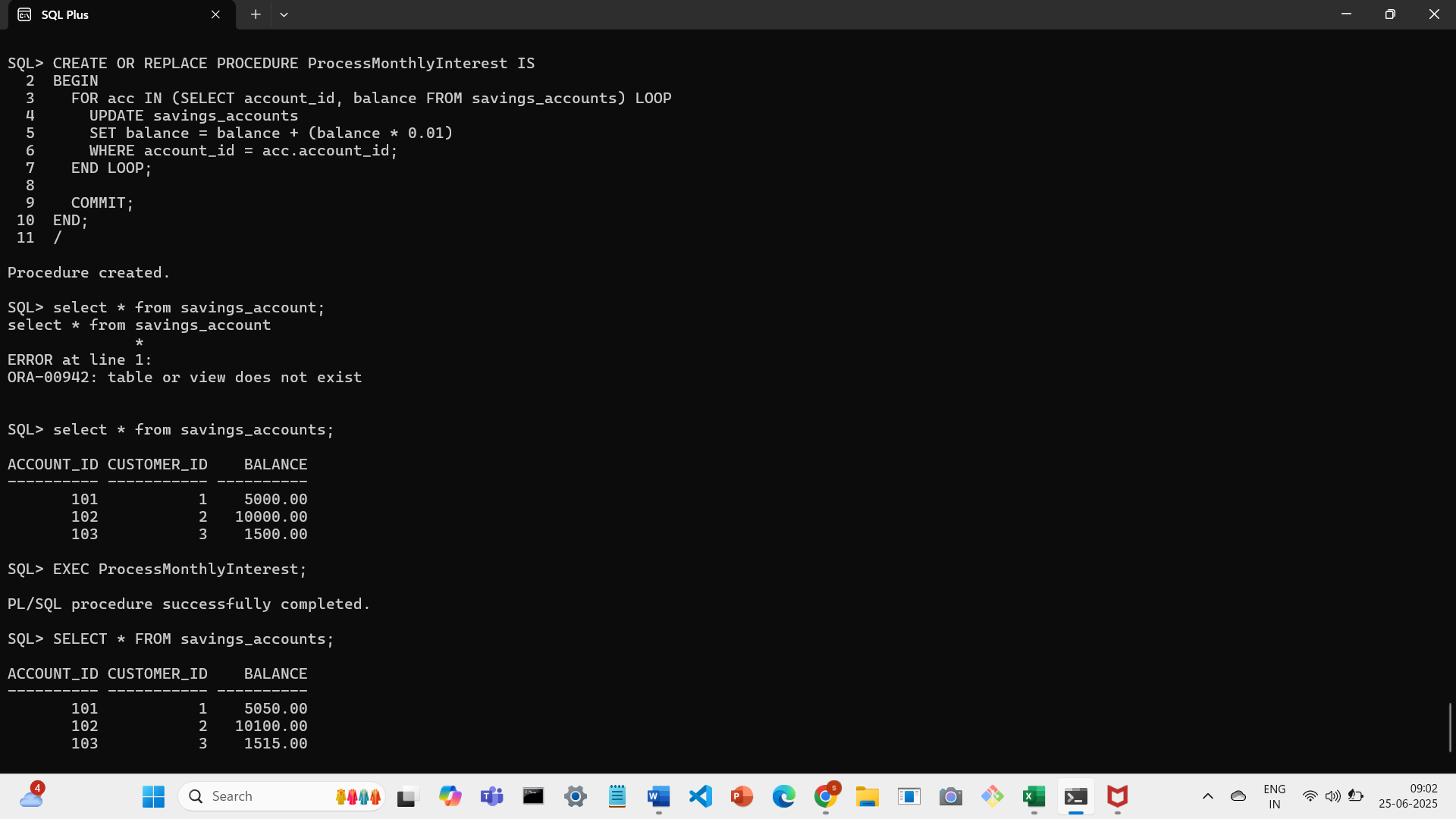
**STEP1 : Create a table savings\_account and insert values in them**

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**STEP 2 : Create a procedure that updates the balance of all savings\_account by applying an interest of 1%**

****

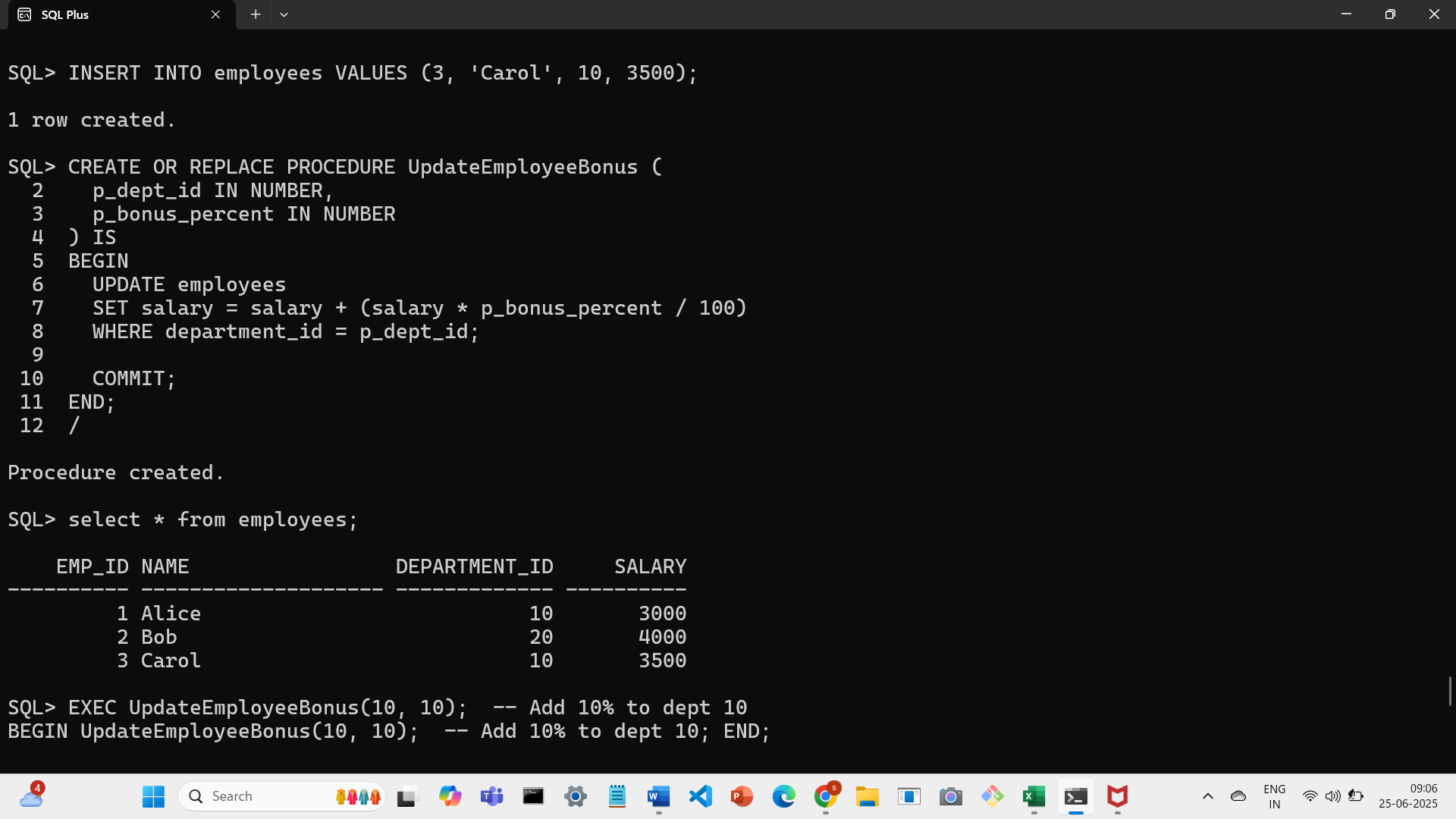
**STEP 3 : Output after applying interest**

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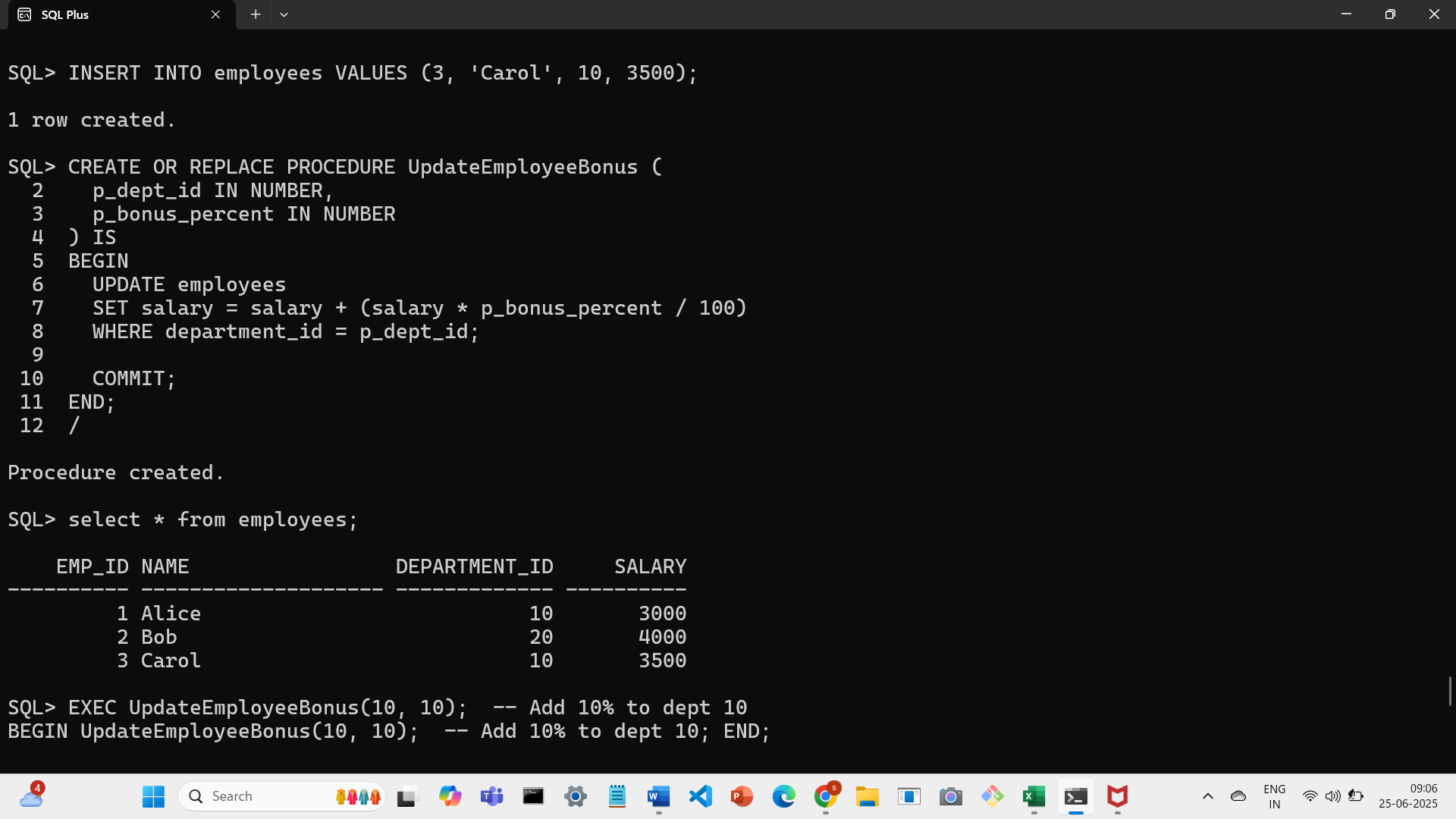
**Scenario 2:** The bank wants to implement a bonus scheme for employees based on their performance.

**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.

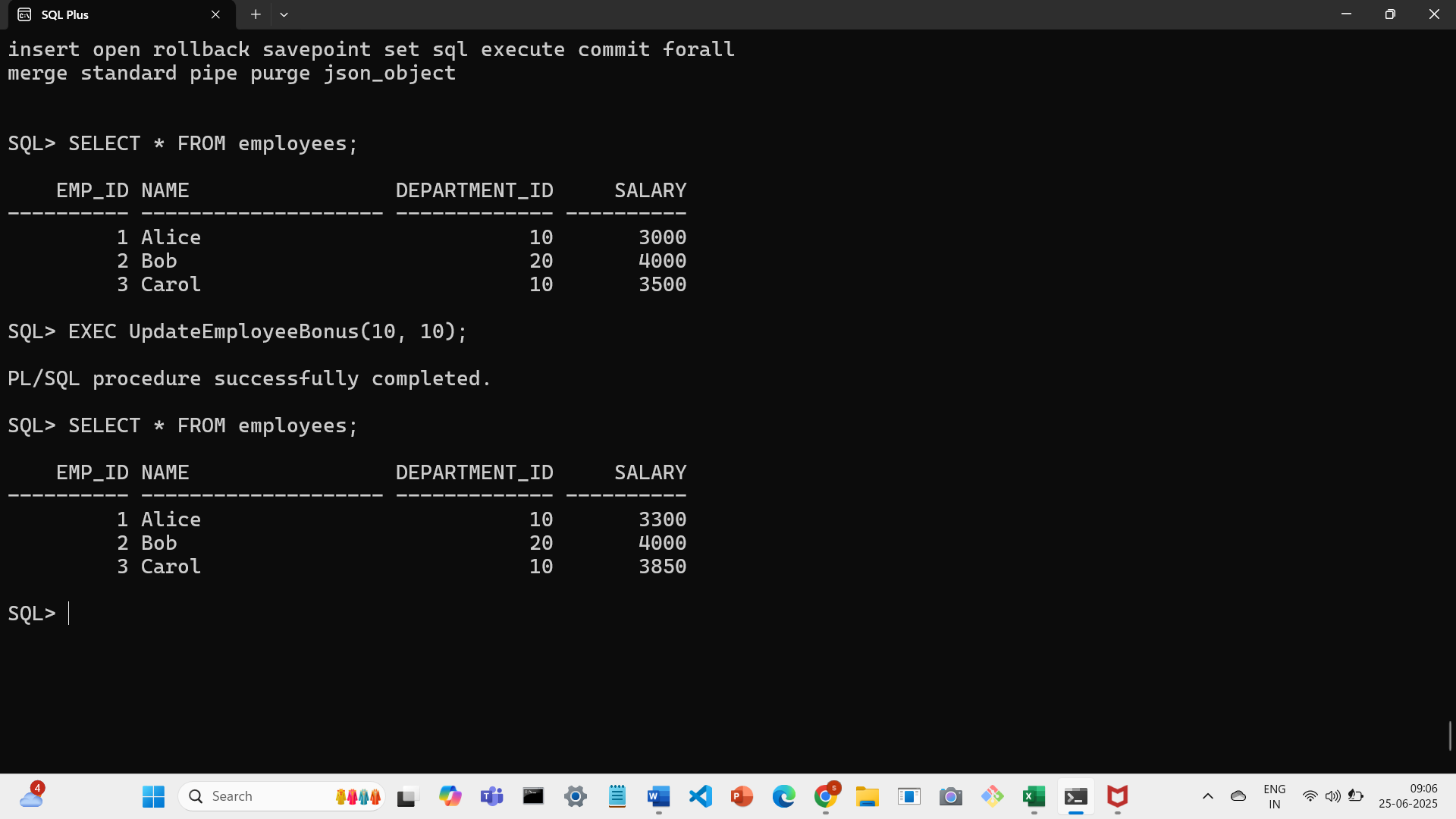
**STEP 1:Create table employees and insert values**

****

**STEP 2: Create procedure that updates salary of employees by adding a bonus percentage as a parameter**

****

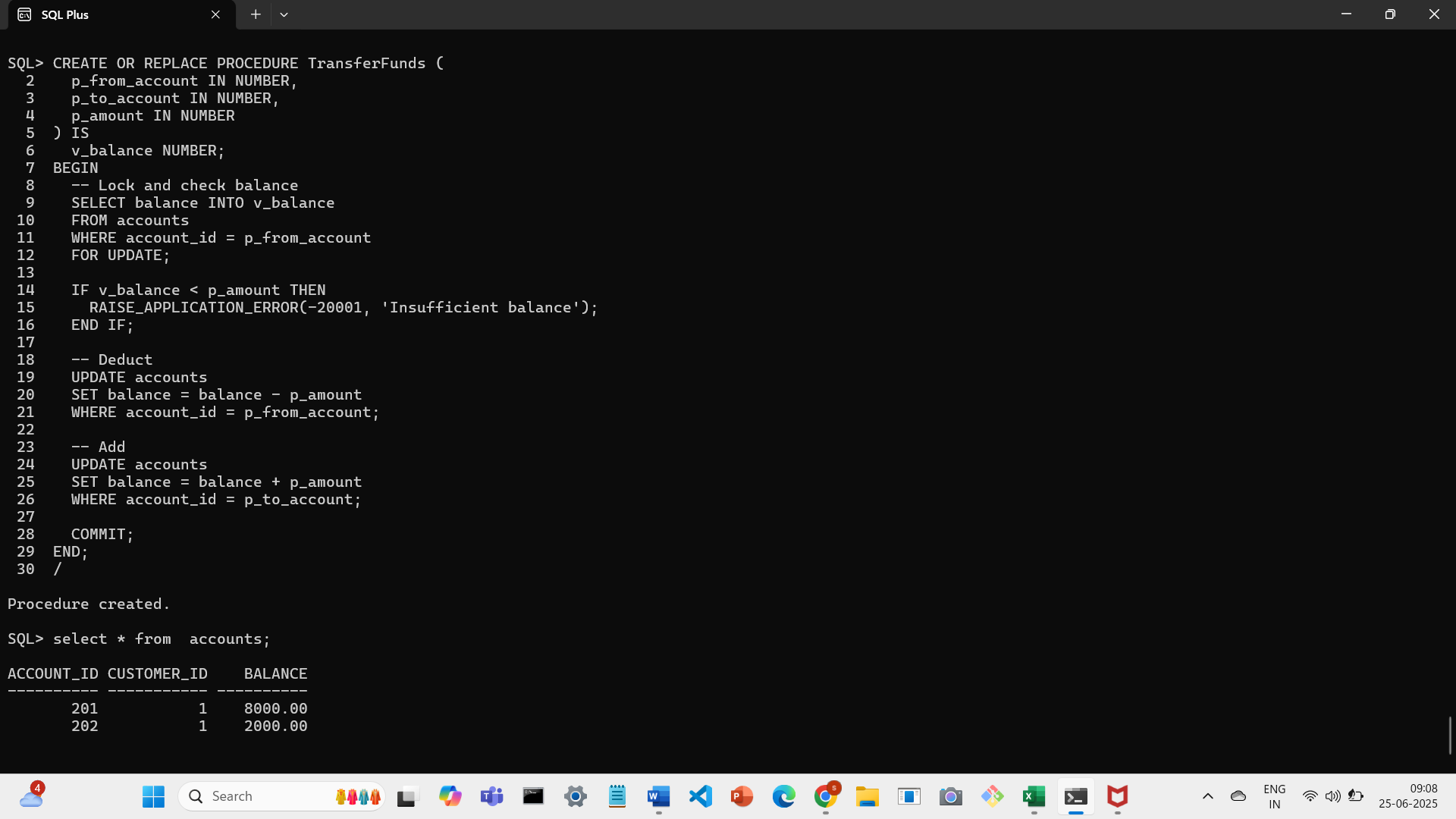
**STEP 3:Output by adding a bonus percentage as a parameter**

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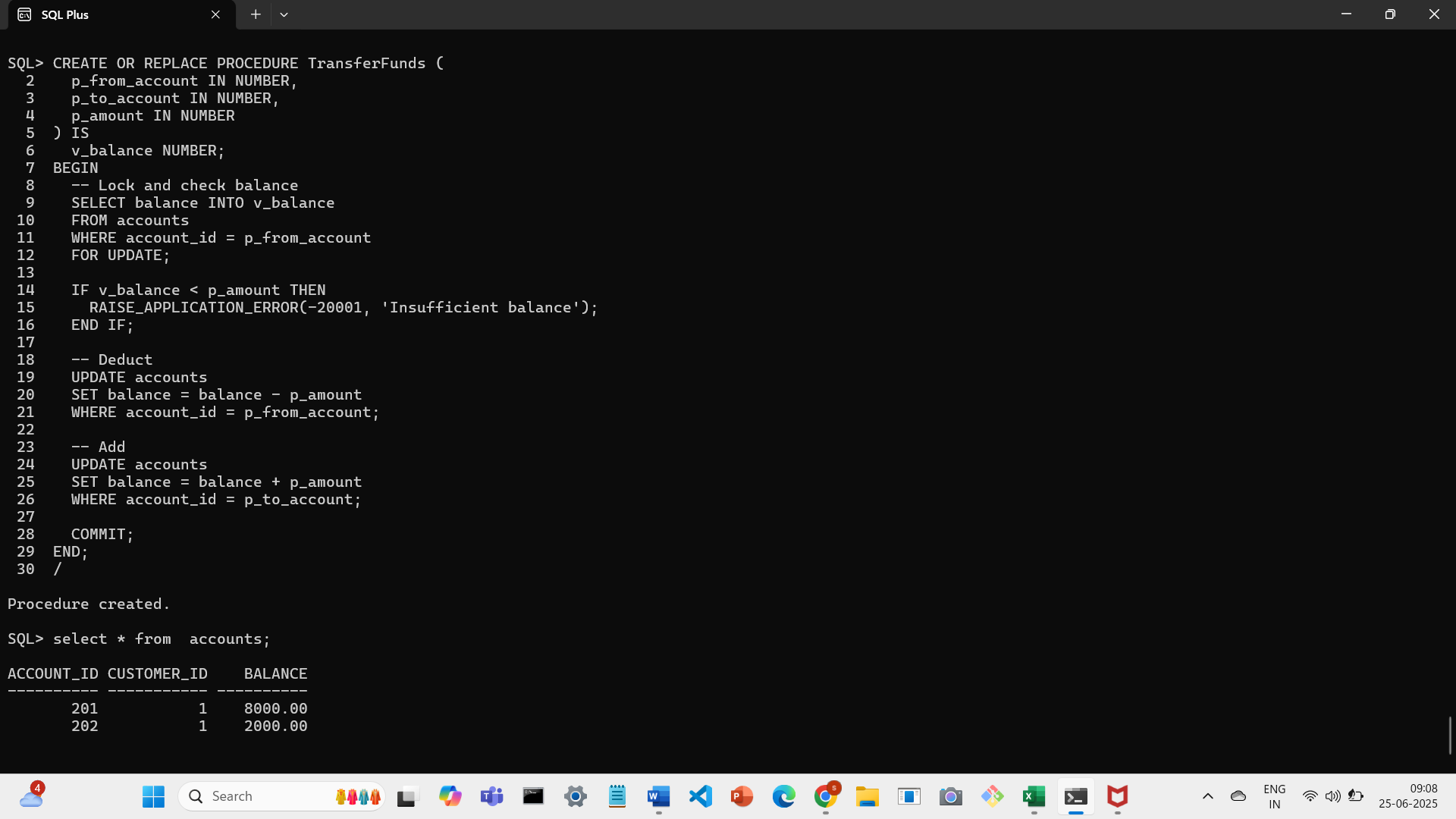
**Scenario 3:** Customers should be able to transfer funds between their accounts.

**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.

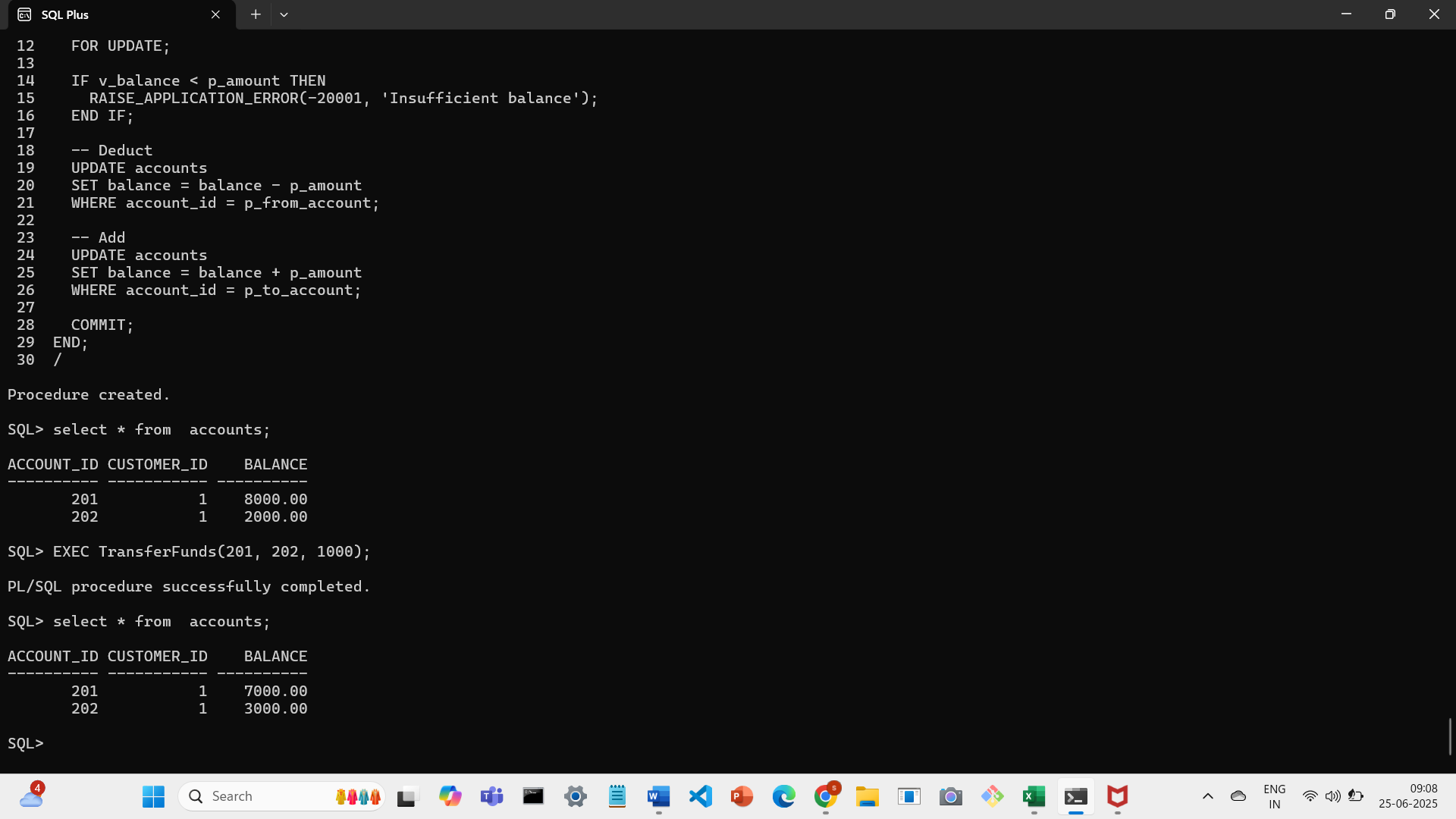
**STEP 1:Create table accounts and insert values**

****

**STEP 2:Create a procedure that transfers a specified amount from one account to another checking the source account has sufficient balance**

****

**STEP 3:Output and testing the procedure**

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