**Exercise 1: Control Structures – Documentation**

For this task we need a pre-defined data for which we use file named as ‘Data.sql’.

**Output-**

Cus. ID Name Age Balance IS\_VIP Interest

1 Raj Kumari 65 15000 FALSE 8.5

2 Priya shri 45 9500 FALSE 9.2

3 Alka Mehta 70 12000 FALSE 8.8

4 Nihit Jain 35 8000 FALSE 10.1

**Scenario 1: Senior Citizen Loan Discount**

**Problem Statement:**  
The bank offers a **1% discount** on interest rates to customers aged **above 60 years**.

**Approach:**

* Use a cursor to loop through customer data.
* Check each customer's age.
* If the age is above 60, update their loan interest rate by deducting 1%.

**Output-**

Cus. ID Name Age Balance IS\_VIP Interest

1 Raj Kumari 65 15000 FALSE 6.5

2 Priya shri 45 9500 FALSE 9.2

3 Alka Mehta 70 12000 FALSE 6.8

4 Nihit Jain 35 8000 FALSE 10.1

**Scenario 2: Promote Customers to VIP**

**Problem Statement:**  
Customers with a **balance over $10,000** are to be promoted to **VIP status** by setting a flag IsVIP = TRUE.

**Approach:**

* Use a cursor to iterate through customer balances.
* If balance > 10,000, update the IsVIP flag.

**Output-**

Cus. ID Name Balance IS\_VIP

1 Raj Kumari 15000 TRUE

2 Priya shri 9500 FALSE

3 Alka Mehta 12000 TRUE

4 Nihit Jain 8000 FALSE

**Scenario 3: Loan Due Reminders**

**Problem Statement:**  
Send reminder messages to customers whose **loan due date is within the next 30 days**.

**Approach:**

* Use a cursor to select loans where due dates are between current date and next 30 days.
* Print reminder messages using DBMS\_OUTPUT.

**Output-**

Reminder: Raj Kumari’s loan (ID: 101) is due on 6-JUL-2025

Reminder: Alka Mehta’s loan (ID: 103) is due on 16-JUL-2025

Reminder: Nihit Jain’s loan (ID: 104) is due on 1-JUL-2025