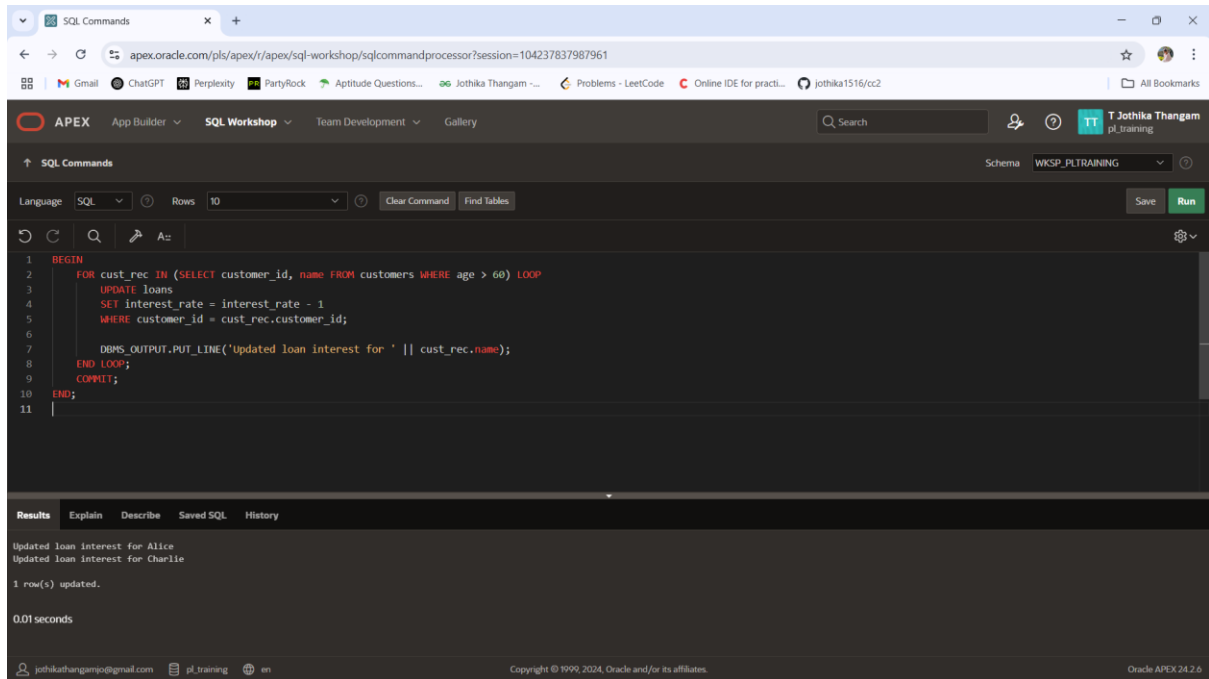


CONTROL STRUCTURE:

OUTPUT

SCENARIO 1:



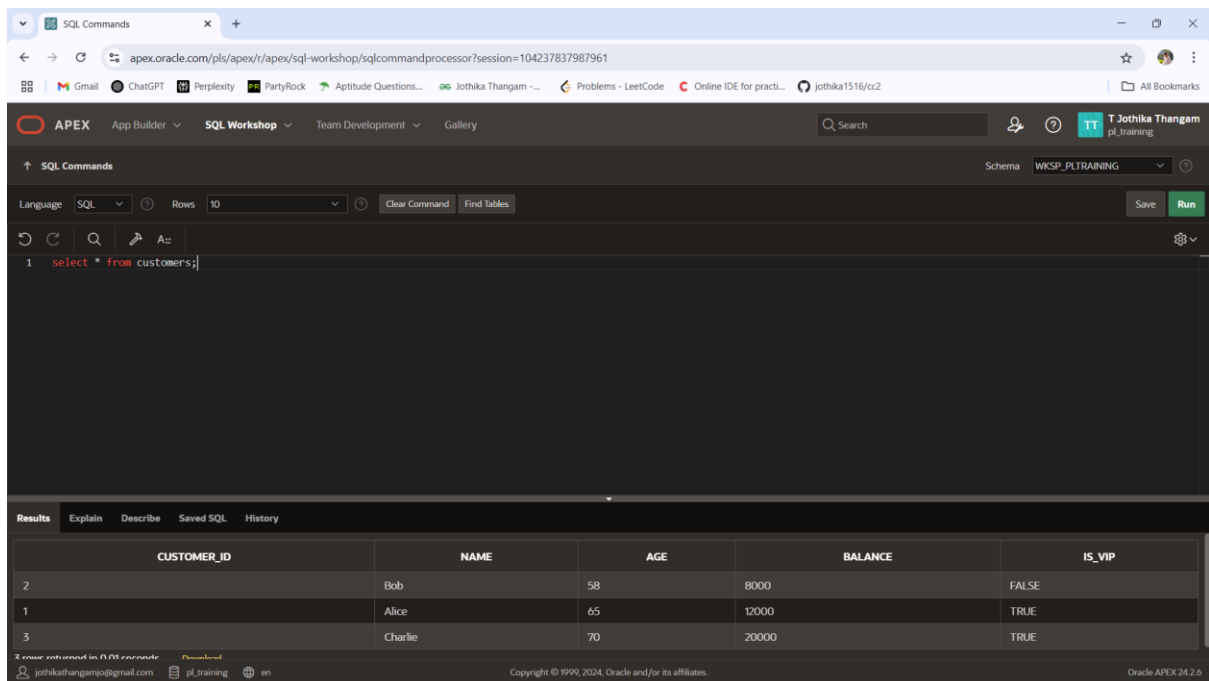
The screenshot shows the Oracle APEX SQL Workshop interface. The SQL Commands tab is active, displaying a PL/SQL block that iterates over customers aged 60 and above, updating their loan interest rate by 1% and logging the changes. The Results tab shows the execution output, indicating that loan interest was updated for Alice and Charlie, and that 1 row(s) were updated in total. The execution took 0.01 seconds.

```
1 BEGIN
2   FOR cust_rec IN (SELECT customer_id, name FROM customers WHERE age > 60) LOOP
3     UPDATE loans
4     SET interest_rate = interest_rate + 1
5     WHERE customer_id = cust_rec.customer_id;
6
7     DBMS_OUTPUT.PUT_LINE('Updated loan interest for ' || cust_rec.name);
8   END LOOP;
9   COMMIT;
10 END;
```

Results

Updated loan interest for Alice
Updated loan interest for Charlie
1 row(s) updated.
0.01 seconds

SCENARIO 2:



The screenshot shows the Oracle APEX SQL Workshop interface. The SQL Commands tab is active, displaying a simple SQL query: `select * from customers;`. The Results tab shows the execution output as a table with 5 columns: CUSTOMER_ID, NAME, AGE, BALANCE, and IS_VIP. The table contains 3 rows of data.

```
1 select * from customers;
```

Results

CUSTOMER_ID	NAME	AGE	BALANCE	IS_VIP
2	Bob	58	8000	FALSE
1	Alice	65	12000	TRUE
3	Charlie	70	20000	TRUE

SCENARIO 3:

The screenshot displays the APEX SQL Workshop interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. The user is logged in as 'T Jothika Thangam' with the role 'pl_training'. The 'SQL Commands' tab is active, showing a PL/SQL script with the following code:

```
1 BEGIN
2   FOR loan_rec IN (
3     SELECT l.loan_id, c.name, l.due_date
4     FROM loans l
5     JOIN customers c ON l.customer_id = c.customer_id
6     WHERE l.due_date BETWEEN SYSDATE AND SYSDATE + 30
7   ) LOOP
8     DBMS_OUTPUT.PUT_LINE('Reminder: ' || loan_rec.name ||
9                          ', your loan (ID: ' || loan_rec.loan_id ||
10                         ') is due on ' || TO_CHAR(loan_rec.due_date, 'DD-MON-YYYY'));
11   END LOOP;
12 END;
```

The 'Results' tab shows the output of the script:

```
Reminder: Alice, your loan (ID: 101) is due on 17-JUL-2025
Reminder: Charlie, your loan (ID: 103) is due on 07-JUL-2025
Statement processed.

0.01 seconds
```

The footer of the interface includes the user's email 'jothikathangamjod@gmail.com', the role 'pl_training', the language 'en', the copyright notice 'Copyright © 1999, 2024, Oracle and/or its affiliates.', and the version 'Oracle APEX 24.2.6'.