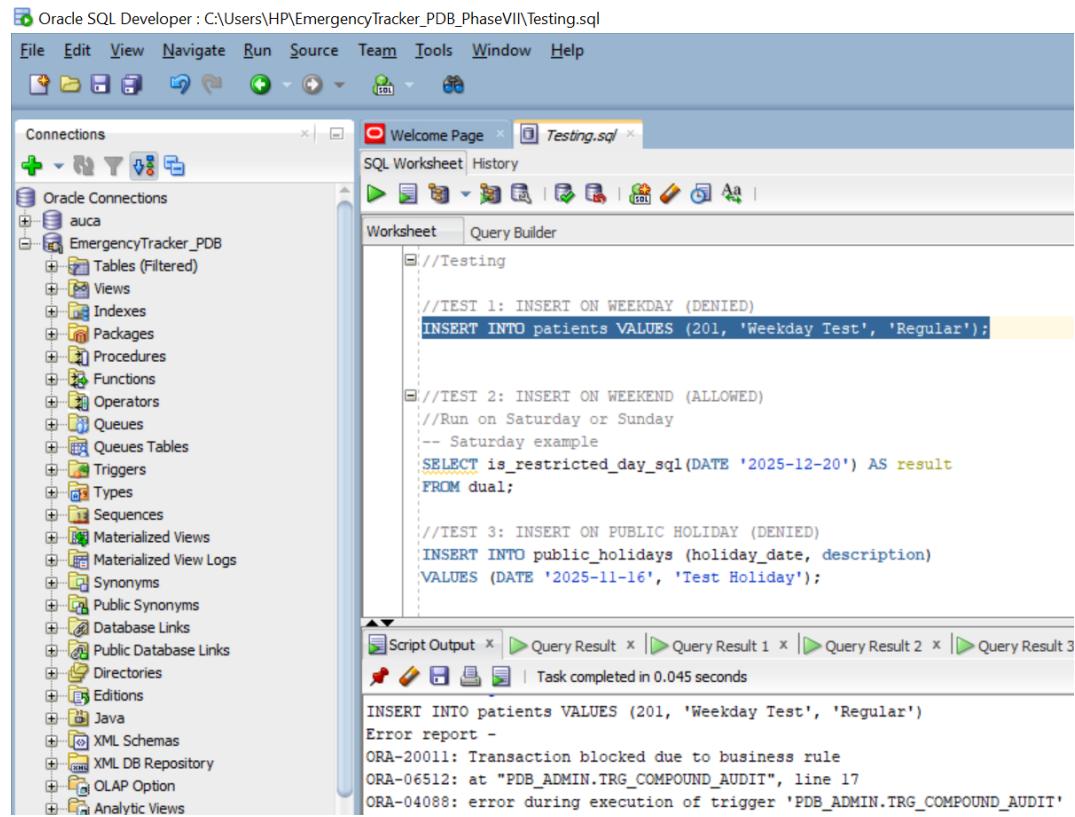


## TESTING

Employees CANNOT INSERT/UPDATE/DELETE: - On WEEKDAYS (Monday-Friday) DENIED



```
//Testing

//TEST 1: INSERT ON WEEKDAY (DENIED)
INSERT INTO patients VALUES (201, 'Weekday Test', 'Regular');

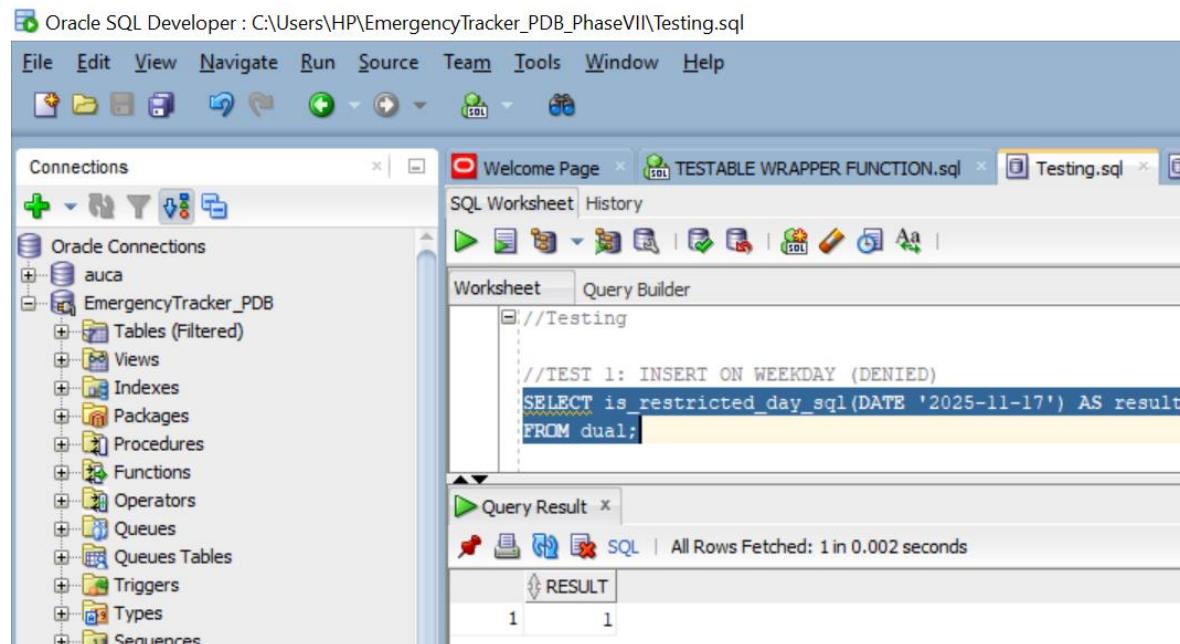
//TEST 2: INSERT ON WEEKEND (ALLOWED)
--Run on Saturday or Sunday
-- Saturday example
SELECT is_restricted_day_sql(DATE '2025-12-20') AS result
FROM dual;

//TEST 3: INSERT ON PUBLIC HOLIDAY (DENIED)
INSERT INTO public_holidays (holiday_date, description)
VALUES (DATE '2025-11-16', 'Test Holiday');
```

Script Output | Task completed in 0.045 seconds

```
INSERT INTO patients VALUES (201, 'Weekday Test', 'Regular')
Error report -
ORA-20011: Transaction blocked due to business rule
ORA-06512: at "PDB_ADMIN.TRG_COMPOUND_AUDIT", line 17
ORA-04088: error during execution of trigger 'PDB_ADMIN.TRG_COMPOUND_AUDIT'
```

**ORA-20011: Transaction blocked due to business rule**



```
//Testing

//TEST 1: INSERT ON WEEKDAY (DENIED)
SELECT is_restricted_day_sql(DATE '2025-11-17') AS result
FROM dual;
```

Query Result | All Rows Fetched: 1 in 0.002 seconds

RESULT
1

## Insert on weekend ALLOWED

Oracle SQL Developer : C:\Users\HP\EmergencyTracker\_PDB\_PhaseVII\Testing.sql

The screenshot shows the Oracle SQL Developer interface. The left pane displays the 'Connections' tree, which includes an 'EmergencyTracker\_PDB' connection with various schema objects like Tables, Views, and Procedures. The right pane has a 'Worksheet' tab open with the following SQL code:

```
//TEST 2: INSERT ON WEEKEND (ALLOWED)
//Run on Saturday or Sunday
-- Saturday example
SELECT is_restricted_day_sql(DATE '2025-12-20') AS result
FROM dual;
```

The 'Query Result' tab below shows the output:

RESULT
1 0

The status bar at the bottom indicates "All Rows Fetched: 1 in 0.002 seconds".

## INSERT ON PUBLIC HOLIDAY (DENIED)

Oracle SQL Developer : C:\Users\HP\EmergencyTracker\_PDB\_PhaseVII\Testing.sql

The screenshot shows the Oracle SQL Developer interface with the same setup as the previous one. The 'Worksheet' tab contains the following SQL code:

```
//TEST 3: INSERT ON PUBLIC HOLIDAY (DENIED)
INSERT INTO public_holidays (holiday_date, description)
VALUES (DATE '2025-11-16', 'Test Holiday');

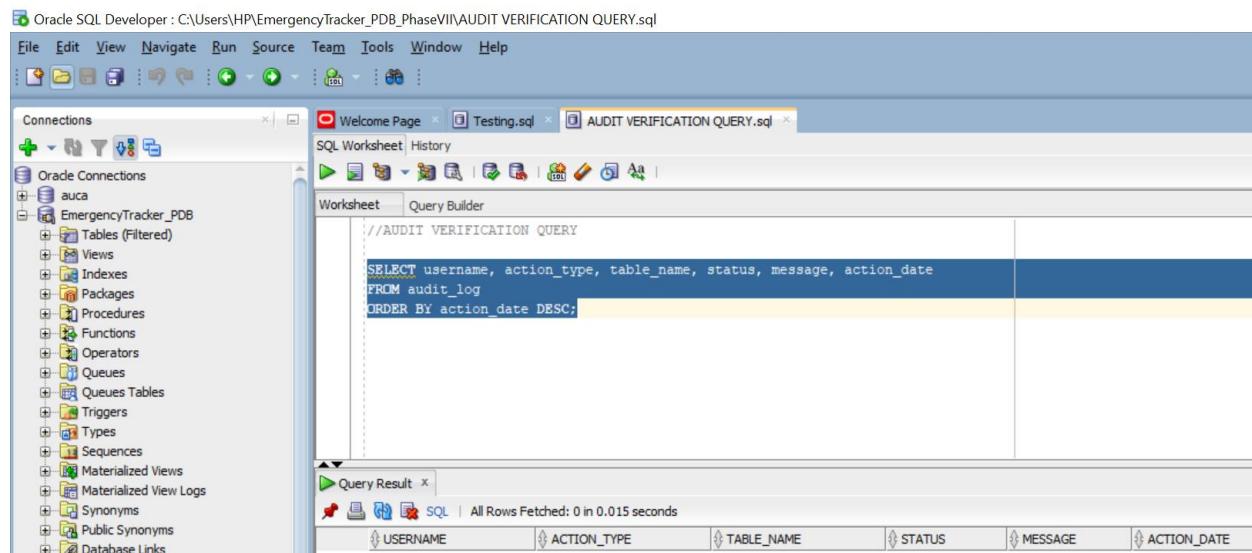
SELECT is_restricted_day_sql(DATE '2025-11-16') FROM dual;
```

The 'Query Result' tab shows the output:

IS_RESTRICTED_DAY_SQL(DATE'2025-11-16')
1

The status bar at the bottom indicates "All Rows Fetched: 1 in 0.003 seconds".

## Audit Log Verification



The screenshot shows the Oracle SQL Developer interface. The title bar indicates the file path: C:\Users\HP\EmergencyTracker\_PDB\_PhaseVII\AUDIT VERIFICATION QUERY.sql. The menu bar includes File, Edit, View, Navigate, Run, Source, Team, Tools, Window, and Help. The toolbar contains various icons for file operations like Open, Save, and Print. The Connections sidebar shows an Oracle connection named 'EmergencyTracker\_PDB' with various schema objects listed under it. The main workspace has three tabs: 'Welcome Page', 'Testing.sql', and 'AUDIT VERIFICATION QUERY.sql'. The 'AUDIT VERIFICATION QUERY.sql' tab is active, displaying the following SQL code:

```
//AUDIT VERIFICATION QUERY
SELECT username, action_type, table_name, status, message, action_date
FROM audit_log
ORDER BY action_date DESC;
```

Below the code, the 'Query Result' tab is visible, showing a table header with columns: USERNAME, ACTION\_TYPE, TABLE\_NAME, STATUS, MESSAGE, and ACTION\_DATE. The status message indicates 'All Rows Fetched: 0 in 0.015 seconds'.