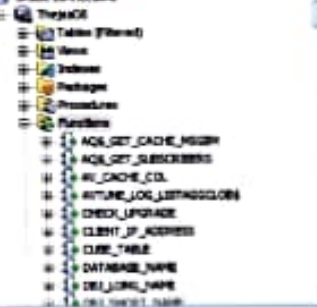




Connections TheoraDB

Grade Connections



Reports



Worksheet TheoraDB TheoraDB (filtered)

Worksheet Query Editor

```

-- CREATE TABLE library
book_id NUMBER(10,0),
title VARCHAR2(100),
author VARCHAR2(100),
publication_year NUMBER
)
-- CREATE OR REPLACE PROCEDURE get_book_info
p_book_id IN NUMBER,
p_title OUT VARCHAR2,
p_author OUT VARCHAR2,
p_public_year OUT NUMBER,
p_public IN OUT VARCHAR2
IS
BEGIN
-- Retrieve book information
SELECT title, author, publication_year
INTO p_title, p_author, p_public_year
FROM library
WHERE book_id = p_book_id;

```

Script Output: A Query Result: A

Task completed in 0.007 seconds

Procedure GET_BOOK_INFO compiled

LINE/COL ERROR

```

17/3 PL/SQL: SQL statement ignored
17/11 PL/SQL: ORA-00942: table or view does not exist
Errors: check compiler log

```

Oracle SQL Developer

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Connections: Thepact01

Grade Connections

- Table Filtered
- Views
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- SQL_CACHE_HIT
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Reports

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Worksheet: Query Editor

```
CREATE OR REPLACE FUNCTION factorial(p_number IN NUMBER) RETURN NUMBER IS
    v_result NUMBER := 1;
BEGIN
    Check for negative numbers
    IF p_number < 0 THEN
        RETURN NULL; -- Indicated as not defined for negative numbers
    END IF;

    Calculate factorial using a loop
    FOR i IN 1..p_number LOOP
        v_result := v_result * i;
    END LOOP;

    RETURN v_result;
END;
```

SELECT factorial(10) AS factorial_value FROM dual;

Query Result: 1

1 | 10