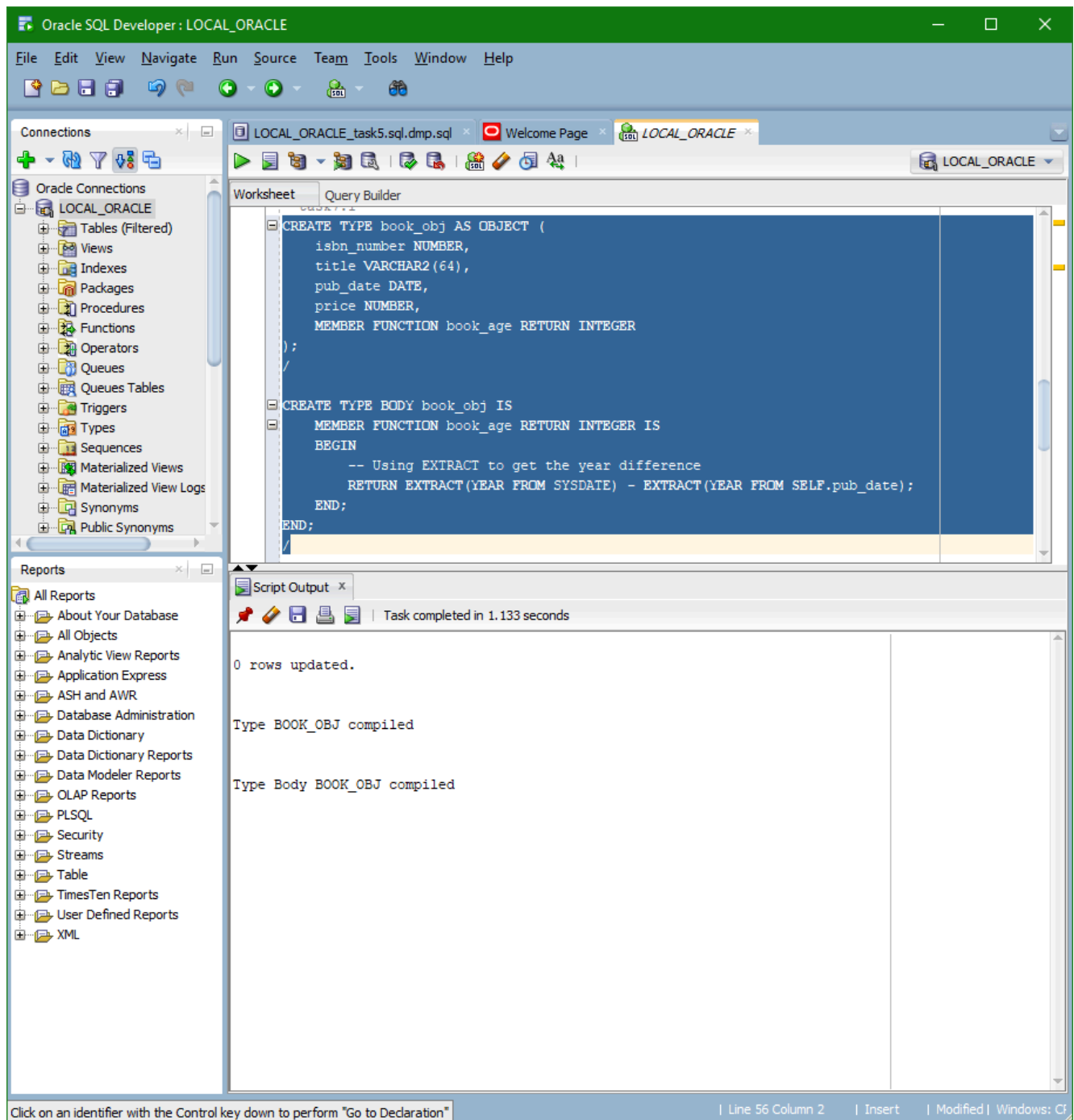**Name**: Shaheer Shamsi
Username: shaheer-shamsi

3dotsss advdb Task 07

Creating a Member Function

1) Create an Object Type (e.g., book_obj) and Add a Member Function called book_age

2)Create a table of this object type (e.g., books) and insert a few sample records

3)Demonstrate the usage of the book_age() function

Oracle SQL Developer : LOCAL_ORACLE

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LOCAL_ORACLE_task5.sql.dmp.sql   Welcome Page   LOCAL_ORACLE

Worksheet   Query Builder

```
    )
);


--7.3
SELECT
    b.title AS Title,
    b.isbn_number AS ISBN,
    b.price AS Price,
    b.pub_date AS "Published on",
    b.book_age() AS "Book Age(yr)"
FROM books b;
```

Script Output   Query Result

SQL | All Rows Fetched: 2 in 0.168 seconds

	TITLE	ISBN	PRICE	Published on	Book Age(yr)
1	Harry Potter and the Goblet of Fire	9780439139601	12.99	08-JUL-00	25
2	The Odyssey	9780140449136	10.99	27-NOV-03	22

Click on an identifier with the Control key down to perform "Go to Declaration" | Line 87 Column 14 | Insert | Modified | Windows: CF

4) PL/SQL block


```
--7.4
DECLARE
BEGIN
    FOR book_rec IN (SELECT b.title, b.book_age() AS age FROM books b) LOOP
        DBMS_OUTPUT.PUT_LINE(
            'Title: ' || book_rec.title ||
            ', Age: ' || book_rec.age || ' years'
        );
    END LOOP;
END;
/
```

Script Output — Task completed in 0.075 seconds

```
PL/SQL procedure successfully completed.
```



```
--7.4
DECLARE
BEGIN
    FOR book_rec IN (SELECT b.title, b.book_age() AS age FROM books b) LOOP
        DBMS_OUTPUT.PUT_LINE(
            'Title: ' || book_rec.title ||
            ', Age: ' || book_rec.age || ' years'
        );
    END LOOP;
END;
/
```

Query Result — All Rows Fetched: 2 in 0.168 seconds

	TITLE	ISBN	PRICE	Published on	Book Age(yr)
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