**Q.2  Create Book\_type by grouping the information Bookno, Title, and Author. Create table Purchase with Pid, book\_details, date, amount. Insert five records in Purchase Table.**

**SQL QUERY:**

**-- Step 1: Create or replace the Book\_type user-defined type**

CREATE OR REPLACE TYPE Book\_type AS OBJECT (

Bookno NUMBER,

Title VARCHAR2(100),

Author VARCHAR2(100)

);

**-- Step 2: Create the Purchase table using the Book\_type type**

CREATE TABLE Purchase (

Pid NUMBER,

book\_details Book\_type,

purchase\_date DATE,

amount NUMBER

);

**-- Step 3: Insert five records into the Purchase table**

INSERT INTO Purchase (Pid, book\_details, purchase\_date, amount)

VALUES (1, Book\_type(101, 'Book 1', 'Author 1'), TO\_DATE('2023-10-28', 'YYYY-MM-DD'), 20.00);

INSERT INTO Purchase (Pid, book\_details, purchase\_date, amount)

VALUES (2, Book\_type(102, 'Book 2', 'Author 2'), TO\_DATE('2023-10-27', 'YYYY-MM-DD'), 25.00);

INSERT INTO Purchase (Pid, book\_details, purchase\_date, amount)

VALUES (3, Book\_type(103, 'Book 3', 'Author 3'), TO\_DATE('2023-10-26', 'YYYY-MM-DD'), 30.00);

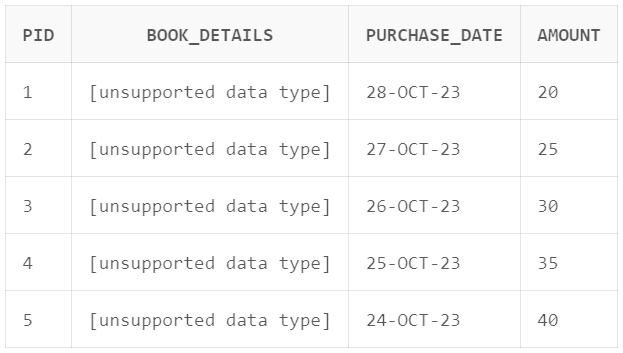
INSERT INTO Purchase (Pid, book\_details, purchase\_date, amount)

VALUES (4, Book\_type(104, 'Book 4', 'Author 4'), TO\_DATE('2023-10-25', 'YYYY-MM-DD'), 35.00);

INSERT INTO Purchase (Pid, book\_details, purchase\_date, amount)

VALUES (5, Book\_type(105, 'Book 5', 'Author 5'), TO\_DATE('2023-10-24', 'YYYY-MM-DD'), 40.00);

SELECT \* FROM Purchase;



SELECT p.book\_details.Title, p.book\_details.Author, p.pid, p.purchase\_date, p.amount

FROM Purchase p;

