## **ASSIGNMENT NO: 05**

a) Get the title and publisher names of all books. (EQUI JOIN)

```
SELECT
       p.Name AS Publisher_Name
    FROM
       catalog009 c
    publisher009 p ON c.Publisher_Id = p.Publisher_Id;
🖺 🙀 🅦 SQL | All Rows Fetched: 40 in 0.042 seconds

⊕ TITLE

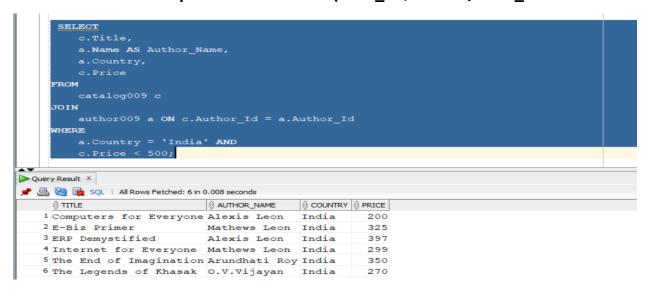
    ₱ PUBLISHER_NAME

 1 201 Principles of Software Development McGraw-Hill
                                        Artech House
 2 A Guide to SCM
 3 Airport
                                           Corgi Books
 4 Beachcombing at Miramar
                                          Warner Books
 Beyond Soap, Water and Comb Abbeville Press Publishers
 6 Biplane
                                          Dell Publishing
 7 Business Notes
                                           Clarkson N. Porter
 8 Catch 22
                                          Random House
 9 Computers for Everyone
                                          Leon Vikas
 10 Countdown 2000
                                      Tata McGraw-Hill
```

b) Get the title and publisher names of all books that are priced above 1000. (NON-EQUI JOIN / GREATER-THAN JOIN)



c) Get the title, author name, country and price of all the books with
India-based authors and price less than 500. (NON EQUI JOIN / LESS THAN JOIN



d) Get the details of all the books with their categorical descriptions that are priced above 1000. (NATURAL JOIN)

```
SELECT

c.Book_Id,
c.Title,
c.Author_Id,
c.Publisher_Id,
c.Category_Id,
c.Year,
c.Price,
cat.Description AS Category_Description

FROM

catalog009 c

NATURAL JOIN
category009 cat

WHERB

c.Price > 1000;

Query Result ×

SQL | Executing:SELECT c.Book_Id, c.Title, c.Author_Id, c.Publisher_Id, c.Category_Id, c.Year, c.Price, cat.Description

ORA-25155: column used in NATURAL join cannot have qualifier
```

e) Find out the titles that have the same price. (SELF JOIN)



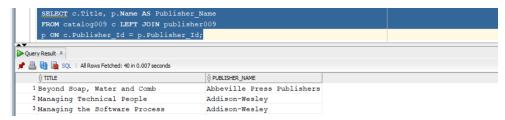
f) Get the title, author name, publisher name and category name of all books that are published after 2008.



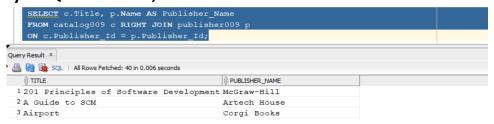
g) Get the details of order which was ordered by a member. (INNER JOIN)



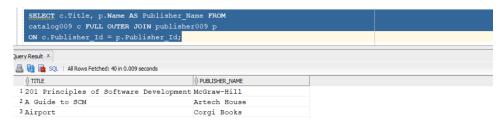
h) By a SQL statement, show how LEFT OUTER JOIN works.



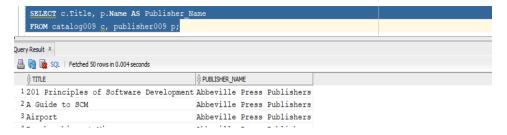
i) By a SQL statement, show how RIGHT OUTER JOIN works.



i) By a SQL statement, show how FULL OUTER JOIN works.



k) By a SQL statement, show how CARTESIAN PRODUCT works.



I) Get the details of all authors and publishers in India ordered by name.

