# **Patrick Nelson’s Submission**

# **Assignment 1 on Chapter 2**

To determine exact name of fields in the tables for these exercises, refer to the tables in the JustLee database, or use the **DESCRIBE tablename** command to view the table’s structure.

1. List the customer number for each customer in the CUSTOMERS table, along with the city and state in which the customer lives. **(8p)**

Answer: SELECT CUSTOMER# || ' ' || CITY || ',' || STATE AS "Customer # - City, State"

FROM CUSTOMERS;

|  |
| --- |
| Customer # - City, State |
| 1001 EASTPOINT,FL |
| 1002 SANTA MONICA,CA |
| 1003 TALLAHASSEE,FL |
| 1004 BOISE,ID |
| 1005 SEATTLE,WA |
| 1006 ALBANY,NY |
| 1007 AUSTIN,TX |
| 1008 CHEYENNE,WY |
| 1009 BURBANK,CA |
| 1010 ATLANTA,GA |
| 1011 CHICAGO,IL |
| 1012 BOSTON,MA |
| 1013 CLERMONT,FL |
| 1014 CODY,WY |
| 1015 MIAMI,FL |
| 1016 BURBANK,CA |
| 1017 KALMAZOO,MI |
| 1018 MACON,GA |
| 1019 MORRISTOWN,NJ |
| 1020 TRENTON,NJ |

1. Create a list containing the publisher’s name, the person usually contacted, and the publisher’s phone number. Rename the contact column “Contact Person” in the displayed results. (Hint: Use the PUBLISHER table) **(8p)**

Answer:

SELECT NAME AS "Publisher Name", CONTACT AS "Contact Person", PHONE AS "Publisher Phone Number"

FROM PUBLISHER;

|  |  |  |
| --- | --- | --- |
| Publisher Name | Contact Person | Publisher Phone Number |
| PRINTING IS US | TOMMIE SEYMOUR | 000-714-8321 |
| PUBLISH OUR WAY | JANE TOMLIN | 010-410-0010 |
| AMERICAN PUBLISHING | DAVID DAVIDSON | 800-555-1211 |
| READING MATERIALS INC. | RENEE SMITH | 800-555-9743 |
| REED-N-RITE | SEBASTIAN JONES | 800-555-8284 |

1. List the customer number from the ORDERS table for each customer who has placed an order with the bookstore. List each customer number only once. **(8p)**

Answer:

SELECT UNIQUE CUSTOMER# AS "Customer #"

FROM ORDERS;

|  |
| --- |
| Customer # |
| 1019 |
| 1017 |
| 1014 |
| 1011 |
| 1007 |
| 1004 |
| 1008 |
| 1010 |
| 1018 |
| 1005 |
| 1001 |
| 1015 |
| 1020 |
| 1003 |

1. Create a list of each book title stored in the BOOKS table and the category in which each book belongs. Reverse the sequence of the columns so that the category of each book is listed first. **(8p)**

Answer:

SELECT CATEGORY AS "Category", TITLE AS "Title"

FROM BOOKS;

|  |  |
| --- | --- |
| Category | Title |
| FITNESS | BODYBUILD IN 10 MINUTES A DAY |
| FAMILY LIFE | REVENGE OF MICKEY |
| CHILDREN | BUILDING A CAR WITH TOOTHPICKS |
| COMPUTER | DATABASE IMPLEMENTATION |
| COOKING | COOKING WITH MUSHROOMS |
| COMPUTER | HOLY GRAIL OF ORACLE |
| COMPUTER | HANDCRANKED COMPUTERS |
| COMPUTER | E-BUSINESS THE EASY WAY |
| FAMILY LIFE | PAINLESS CHILD-REARING |
| COOKING | THE WOK WAY TO COOK |
| CHILDREN | BIG BEAR AND LITTLE DOVE |
| SELF HELP | HOW TO GET FASTER PIZZA |
| BUSINESS | HOW TO MANAGE THE MANAGER |
| LITERATURE | SHORTEST POEMS |

1. List all information for each order item. Include an item total, which can be calculated by multiplying the Quantity and Paideach columns. Use a column alias for the calculated value to show the heading “Item Total” in the output. **(8p)**

Answer:

SELECT ORDER# AS "Order Number", ITEM# AS "Item Number", ISBN AS "ISBN",

QUANTITY AS "Quantity", PAIDEACH AS "Paid(each)", QUANTITY\*PAIDEACH AS "Item total"

FROM ORDERITEMS;

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Order Number | Item Number | ISBN | Quantity | Paid(each) | Item total |
| 1000 | 1 | 3437212490 | 1 | 19.95 | 19.95 |
| 1001 | 1 | 9247381001 | 1 | 31.95 | 31.95 |
| 1001 | 2 | 2491748320 | 1 | 85.45 | 85.45 |
| 1002 | 1 | 8843172113 | 2 | 55.95 | 111.9 |
| 1003 | 1 | 8843172113 | 1 | 55.95 | 55.95 |
| 1003 | 2 | 1059831198 | 1 | 30.95 | 30.95 |
| 1003 | 3 | 3437212490 | 1 | 19.95 | 19.95 |
| 1004 | 1 | 2491748320 | 2 | 85.45 | 170.9 |
| 1005 | 1 | 2147428890 | 1 | 39.95 | 39.95 |
| 1006 | 1 | 9959789321 | 1 | 54.5 | 54.5 |
| 1007 | 1 | 3957136468 | 3 | 72.15 | 216.45 |
| 1007 | 2 | 9959789321 | 1 | 54.5 | 54.5 |
| 1007 | 3 | 8117949391 | 1 | 8.95 | 8.95 |
| 1007 | 4 | 8843172113 | 1 | 55.95 | 55.95 |
| 1008 | 1 | 3437212490 | 2 | 19.95 | 39.9 |
| 1009 | 1 | 3437212490 | 1 | 19.95 | 19.95 |
| 1009 | 2 | 0401140733 | 1 | 22 | 22 |
| 1010 | 1 | 8843172113 | 1 | 55.95 | 55.95 |
| 1011 | 1 | 2491748320 | 1 | 85.45 | 85.45 |
| 1012 | 1 | 8117949391 | 1 | 8.95 | 8.95 |
| 1012 | 2 | 1915762492 | 2 | 25 | 50 |
| 1012 | 3 | 2491748320 | 1 | 85.45 | 85.45 |
| 1012 | 4 | 0401140733 | 1 | 22 | 22 |
| 1013 | 1 | 8843172113 | 1 | 55.95 | 55.95 |
| 1014 | 1 | 0401140733 | 2 | 22 | 44 |
| 1015 | 1 | 3437212490 | 1 | 19.95 | 19.95 |
| 1016 | 1 | 2491748320 | 1 | 85.45 | 85.45 |
| 1017 | 1 | 8117949391 | 2 | 8.95 | 17.9 |
| 1018 | 1 | 3437212490 | 1 | 19.95 | 19.95 |
| 1018 | 2 | 8843172113 | 1 | 55.95 | 55.95 |
| 1019 | 1 | 0401140733 | 1 | 22 | 22 |
| 1020 | 1 | 3437212490 | 1 | 19.95 | 19.95 |