/\* Find the titles of all books by Pratchett that cost less than $10 \*/

SELECT b.title

FROM BOOKS as B, AUTHOR as A

WHERE b.author\_id = a.author\_id

AND a.author\_lastname = "Prachett"

AND b.price < 10;

/\* Give all the titles and their dates of purchase made by a single customer. Customer ID can be changed \*/

SELECT b.title, o.order\_date

FROM Books as B, Orders as O, Customer as C

WHERE b.ISBN = O.order\_ISBN

AND o.order\_customer\_id = c.customer\_id

AND c.customer\_id = 3;

/\* Find the titles and ISBNs for all books with less than 5 copies in stock \*/

SELECT b.title, b.ISBN

FROM Books as B, Warehousebook as W

WHERE b.ISBN = w.ISBN

AND w.quantity < 5;

/\* Give all the customers who purchased a book by Pratchett and the titles of Pratchett books they purchased \*/

SELECT c.customer\_firstname, c.customer\_lastname, b.title

FROM Customer as C, Author as A, Books as B, Orders as O

WHERE c.customer\_id = o.order\_customer\_id

AND b.ISBN = o.order\_ISBN

AND b.author\_id = a.author\_id

AND a.author\_lastname = "Prachett";

/\* Find the total number of books purchased by a single customer. Customer ID can be changed \*/

SELECT SUM(OB.order\_quantity)

FROM OrderBook as OB, Customer as C, Orders as O

WHERE C.customer\_id = O.order\_customer\_id

AND O.order\_id = OB.order\_id

AND C.customer\_id = 1;

/\* Find the customer who has purchased the most books and the total number of books they have purchased \*/

SELECT lastname, MAX(total)

FROM (SELECT c.customer\_lastname AS lastname, SUM(ob.order\_quantity) AS total

FROM Customer as C, Orders as O, OrderBook as OB

WHERE c.customer\_id = o.order\_customer\_id

AND ob.order\_id = o.order\_id

GROUP BY c.customer\_lastname);