Subqueries Solutions

1. Find the Companies that placed orders in 1997.

=>

select companyname from customers where customerid in

(select customerid from orders where to\_char(orderdate,'YYYY')='1997');

1. Create a report that shows all products by name that are in the Seafood category.

=>

select productname from products

where categoryid in (select categoryid from categories

where categoryname='Seafood');

1. Create a report that shows all companies by name that sell products in CategoryID 8.

=>

select companyname from suppliers

where supplierid in (select supplierid from products

where categoryid = 8);

1. Create a report that shows all companies by name that sell products in the Seafood category.

=>

select companyname from suppliers where supplierid

in (select supplierid from products where categoryid

in (select categoryid from categories where categoryname = 'Seafood'));

1. Provide list of customers who ordered more than 20 items of product number 23 on a single order.

=>

select \* from customers where customerid in (select customerid from orders

where orderid in (

select orderid from order\_details

where productid=23 and quantity>20));