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CIS 310

SQLA5

1. Find the products under category 'Seafood', List productid, productname

Select ProductID, ProductName

From Products

Where CategoryID IN

(Select CategoryID

From Categories

Where CategoryName = 'Seafood')

Graphical user interface, text, application

Description automatically generated

1. List suppliers that supply seafood products, list company name. contactitle, contactname, city and phone.

Select CompanyName, ContactName, ContactTitle, City, Phone

From Suppliers

Where SupplierID IN

(Select SupplierID

From Products

Where CategoryID IN

(Select CategoryID

From Categories

Where CategoryName = 'Seafood'))

Graphical user interface, text, application

Description automatically generated

1. List orders that ordered seafood product. List orderid.

Select OrderID

From [Order Details]

Where ProductID IN(

Select ProductID

From Products

Where CategoryID =

(Select CategoryID

From Categories

Where CategoryName = 'Seafood'))

Graphical user interface, text, application

Description automatically generated

1. List customers that placed orders for seafood products. List companyname, contact, phone, city and country.

Select CompanyName, ContactTitle, ContactName, Phone, City, Country

From Customers

Where CustomerID IN(

Select CustomerID

From Orders

Where OrderID IN(

Select OrderID

From [Order Details]

Where ProductID IN(

Select ProductID

From Products

Where CategoryID =

(Select CategoryID

From Categories

Where CategoryName = 'Seafood'))))

Graphical user interface, text, application

Description automatically generated

1. Human resource wants to know how customer service representative, which can be measured by the number of orders, order subtotal they processed. List representative names, number of orders they served, and ordered amount of products (as sales). Use nicknames as appropriate.

Select FirstName, LastName, count(o.orderid) 'Order Counts',

SUM(od.quantity\*od.UnitPrice) OrdSubtotal

From Employees e JOIN [Orders] o on e.EmployeeID=o.EmployeeID

JOIN[Order Details] od on o.OrderID=od.OrderID

Group By FirstName, LastName

Graphical user interface, text, application

Description automatically generated Order By OrdSubtotal