

Database Project Part C

INFO 308

1. Develop a query that will display the products that need to be ordered from their supplier.
To complete this, you will want to compare a reorder level with how many units are in stock (QOH).

Answer:

Code –

```
SELECT * FROM Product WHERE ReorderLevel > QoH
```

Query – (Shows only the ones where RedorderLevel is greater than QoH and highlights them)

ProductID	ProductName	ProductDesc	UnitPrice	SupplierName	ReorderLevel	LeadTime	QoH	SupplierID	CategoryID
2	Ipod Mini	4GB	149.00	Apple	25	10	20	1	1
3	Ipod Nano	2GB	199.00	Apple	25	10	22	1	1
9	Garmin Streetpilot 2730	Portable Car Navigation	899.00	Garmin	5	10	2	5	3

2. Develop a query that will display the products that require more than 5 days lead time.

Answer:

Code –

```
SELECT * FROM Product WHERE LeadTime > 5
```

Query – (Shows results of those where LeadTime is greater than 5 and then highlights that column too)

ProductID	ProductName	ProductDesc	UnitPrice	SupplierName	ReorderLevel	LeadTime	QoH	SupplierID	CategoryID
1	Ipod Shuffle	1GB	99.00	Apple	10	10	52	1	1
2	Ipod Mini	4GB	149.00	Apple	25	10	20	1	1
3	Ipod Nano	2GB	199.00	Apple	25	10	22	1	1
4	LG C2000	Camera phone with 3x digital zoom	99.00	LG	5	10	24	2	2
5	Nokia 6061	Media Net capable for surfing the Internet	79.00	Nokia America	10	10	26	3	2
9	Garmin Streetpilot 2730	Portable Car Navigation	899.00	Garmin	5	10	2	5	3

3. Develop a query that will display the shipment method of each order.

Answer:

Code –

(I wasn't quite sure if you wanted the query/result ordered in a certain way so I just added two different codes/queries – one where I ordered by OrderID – so it looks nicer and one where I didn't)

```
SELECT o.OrderID, sh.ShipperName FROM Orders o, OrderLine ol, Product p, Supplier s, Shipping sh WHERE o.OrderID = ol.OrderID AND ol.ProductID = p.ProductID AND p.SupplierID = s.SupplierID AND s.ShipperID = sh.ShipperID Order By o.OrderID
```

```
SELECT o.OrderID, sh.ShipperName FROM Orders o, OrderLine ol, Product p, Supplier s, Shipping sh WHERE o.OrderID = ol.OrderID AND ol.ProductID = p.ProductID AND p.SupplierID = s.SupplierID AND s.ShipperID = sh.ShipperID
```

Query –

1st query – Order by OrderID

OrderID	ShipperName
1	FedEx
1	FedEx
2	USPS
3	USPS
4	FedEx
5	FedEx
6	FedEx
6	USPS
7	FedEx
7	FedEx

2nd Query – Wasn't Order by OrderID

OrderID	ShipperName
7	FedEx
6	FedEx
5	FedEx
1	FedEx
7	FedEx
4	FedEx
1	FedEx
6	USPS
3	USPS
2	USPS