














ClassicModels/postgres@Northwinds










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Query Query History












```
1  /*
2  Question1) What are the highest three products in stock?
3  Also, list their Profit and Total Amount in separate columns.
4  Note that: profit = Manufacture's Suggested Retail Price - Buying Price
5  Note that: Total Amount = Profit x Quantity in Stock
6  Note that: the Answer Set must contain 4 columns and 3 rows
7  */
8
9  select productname, quantityinstock, profit,
10         (profit * quantityinstock) as total_amount
11  from (
12    select productname, quantityinstock, (msrp - buyprice) as profit
13    from products
14    order by quantityinstock desc
15    limit 3
16  )top_stock_amount
```

Total rows: 3 of 3

Query complete 00:00:00.065

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Data Output Messages Notifications				
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	productname character varying (70)	quantityinstock integer	profit numeric	total_amount numeric
1	2002 Suzuki XREO	9997	84.35	843246.95
2	1995 Honda Civic	9772	48.36	472573.92
3	America West Airlines B757-200	9653	30.92	298470.76
<div> <div>Total rows: 3 of 3</div> <div>Query complete 00:00:00.065</div> </div>				

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Query Query History

```
1  /*
2  Question2) Write a query that lists the top largest 5 Product Lines in
3  terms of number of unique product for each of these five categories.
4  Also, list the Stock Quantity, the Profit, and the Total Amount for each category.
5
6  Note that: Total Profit = Sum (Manufacture's Suggested Retail Price - Buyimng Price)
7  Note that: Total Amount = Total Profit x Total Stock
8  Note that: the Answer Set must be 5 rows and 5 columns
9  */
10
11 select productline, products_number, quantity_in_stock, total_profit,
12        (total_profit * quantity_in_stock) as total_amount
13 from(
14 select productline, count(productline) as products_number,
15        sum(quantityinstock) as quantity_in_stock,
16        sum(msrp - buyprice) as total_profit
17 from products
18 group by productline
19 order by products_number desc
20 limit 5
21 ) product_line_amount
```

Total rows: 5 of 5 Query complete 00:00:00.071

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Data Output Messages Notifications					
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	productline character varying (50)	products_number bigint	quantity_in_stock bigint	total_profit numeric	total_amount numeric
1	Classic Cars	38	219183	2035.84	446221518.72
2	Vintage Cars	24	124880	984.71	122970584.80
3	Motorcycles	13	69401	604.41	41946658.41
4	Planes	12	62287	478.64	29813049.68
5	Trucks and Buses	11	35851	515.40	18477605.40
<div> <div>Total rows: 5 of 5</div> <div>Query complete 00:00:00.071</div> </div>					



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Query

Query History

```
1  /*
2  Question3) list top ten customers based on their total payment.
3  */
4  select customernumber, sum(amount) as total_amount
5      from payments
6      group by customernumber
7      order by total_amount desc
8      limit 10
```

Total rows: 10 of 10

Query complete 00:00:00.117

