

8.75/10

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ASSIGNMENT 2

/* Query 1*/

```
SELECT cus_code, (IIF(cus_initial is not null, CONCAT(cus_fname, ' ', cus_initial, '. ', cus_lname),  
concat(cus_fname, ' ', cus_lname))) as [Full Name], FORMAT(cus_balance, 'c', 'en-US') as [Current Balance],  
cus_areacode as [Phone Area Code]  
FROM customer WHERE (cus_balance = 0.00 OR cus_balance > 500.00) AND cus_areacode 615 ORDER BY cus_balance
```

area code is character data
and so 615 should be enclosed
in a pair of quotes '615'

-0.25

Results Messages

	cus_code	Full Name	Current Balance	Phone Area Code
1	10010	Alfred A. Ramas	\$0.00	615
2	10014	Myron Orlando	\$0.00	615
3	10019	Olette K. Smith	\$0.00	615
4	10013	Paul F. Olowski	\$536.75	615
5	10017	George Williams	\$768.93	615

/* Query 2 */

```
SELECT FORMAT(SUM((p_price * p_qoh)*0.8853), 'C2', 'de-DE') as [Inventory Value]  
FROM product
```



100 %



Results



Messages

	Inventory Value
--	-----------------

1	13.354,33 €
---	-------------



/* Query 3 */



```
SELECT v_code as [Vendor], FORMAT(AVG(p_price), 'C') as [Avg Price]
FROM product
WHERE v_code IS NOT NULL GROUP BY v_code HAVING AVG(p_price) > 50.00 ORDER BY AVG(p_price) desc
```

You can use the alias
[Average Price] in the
ORDER BY clause

Place GROUP BY and ORDER BY on their own lines

100 %

Results Messages

	Vendor	Avg Price
1	24288	\$155.59
2	25595	\$89.63



/* Query 4 */

```
SELECT DISTINCT(cus_code) as [Customer Code], FORMAT(inv_date, 'MM/dd/yyyy', 'en-US') as [Invoice Date]  
FROM invoice  
WHERE day(inv_date) > 16
```

Please see my comment in Query 5

100 %

Results Messages

	Customer Code	Invoice Date
1	10011	01/17/2018
2	10014	01/17/2018
3	10015	01/17/2018
4	10018	01/17/2018

/* Query 5 */

```
SELECT inv_number as [Invoice #], cus_code as [Customer #], FORMAT(inv_date, 'MM/dd/yyyy', 'en-US') as [Invoice Date],  
FORMAT DATEADD(day, 90, inv_date), 'd') as [Invoice Due]  
FROM invoice  
WHERE day(inv_date) < 17 AND cus_code = 10011 OR cus_code = 10014 OR cus_code = 10018 ORDER BY inv_number
```

When comparing an attribute against a list of values, it is better to use the 'in' operator.

Results Messages

	Invoice #	Customer #	Invoice Date	Invoice Due
1	1001	10014	01/16/2018	4/16/2018
2	1002	10011	01/16/2018	4/16/2018

In this problem, you were asked for the invoice date to be earlier than Jan. 17, 2018. Since a specific date was used as selection criteria, you should have used the full date, not just the day and year. If there were invoices from other months and other years that were issued before the 17th day, those invoices would have been selected here as well. Your answer would be incorrect then. - 1

