

## SAMARTH ZADBUKE

1) Assume each salesperson has a 12% commission. Write a query on the orders table that will produce the order number, the salesperson number, and the amount of the salesperson's commission for that order.

```
w2_SAMARTHZADBUKE_87083@localhost >SELECT SNUM,ONUM, AMT*0.12 AS COMMISSION FROM ORDERS;
```

| SNUM | ONUM | COMMISSION |
|------|------|------------|
| 1007 | 3001 | 2.24       |
| 1001 | 3003 | 92.06      |
| 1004 | 3002 | 228.01     |
| 1002 | 3005 | 619.25     |
| 1007 | 3006 | 131.78     |
| 1003 | 3009 | 205.59     |
| 1002 | 3007 | 9.09       |
| 1001 | 3008 | 566.76     |
| 1002 | 3010 | 157.19     |
| 1001 | 3011 | 1187.03    |

```
10 rows in set (0.00 sec)
```

```
w2_SAMARTHZADBUKE_87083@localhost >
```

2) Write a query on the Customers table that will find the highest rating in each city.

```
w2_SAMARTHZADBUKE_87083@localhost >SELECT CITY,MAX(RATING) Max_Rating FROM CUSTOMERS GROUP BY CITY;
```

| CITY     | Max_Rating |
|----------|------------|
| London   | 100        |
| Rome     | 200        |
| San Jose | 300        |
| Berlin   | 300        |

```
4 rows in set (0.00 sec)
```

```
w2_SAMARTHZADBUKE_87083@localhost >
```

3) Write a query that lists customers in descending order of rating. Output the rating field first, followed by the customer's name and number.

```
W2_SAMARTHZADBUKE_87083@localhost >SELECT Rating, Cname, Cnum
-> FROM CUSTOMERS
-> ORDER BY Rating DESC;
+-----+-----+-----+
| Rating | Cname   | Cnum |
+-----+-----+-----+
| 300    | Grass   | 2004 |
| 300    | Cisneros | 2008 |
| 200    | Giovanni | 2002 |
| 200    | Liu     | 2003 |
| 100    | Hoffman | 2001 |
| 100    | Clemens | 2006 |
| 100    | Pereira | 2007 |
+-----+-----+-----+
7 rows in set (0.00 sec)
```

4) Write a query that totals the orders for each day and places the results in descending order.

```
W2_SAMARTHZADBUKE_87083@localhost >SELECT ODate, SUM(AMT) AS TotalOrders
-> FROM ORDERS
-> GROUP BY ODate
-> ORDER BY TotalOrders DESC;
+-----+-----+
| ODate   | TotalOrders |
+-----+-----+
| 1990-10-06 | 11201.83 |
| 1990-10-03 | 8944.59 |
| 1990-10-05 | 4723.00 |
| 1990-10-04 | 1788.98 |
+-----+-----+
4 rows in set (0.00 sec)

W2_SAMARTHZADBUKE_87083@localhost >
```