

1. Write a select command that produces the order number, amount, and date for all rows in the Orders table

Ans C2-89622-SHIVANI [test]>SELECT Snum,Amt,Odate FROM ORDERS;

```
C2-89622-SHIVANI [test]>SELECT Snum,Amt,Odate FROM ORDERS;
+-----+-----+-----+
| Snum | Amt   | Odate   |
+-----+-----+-----+
| 1007 | 18.69 | 1990-10-03 |
| 1001 | 767.19 | 1990-10-03 |
| 1004 | 1900.10 | 1990-10-03 |
| 1002 | 5160.45 | 1990-10-03 |
| 1007 | 1098.16 | 1990-10-03 |
| 1003 | 1713.23 | 1990-10-04 |
| 1002 | 75.75 | 1990-10-04 |
| 1001 | 4723.00 | 1990-10-05 |
| 1002 | 1309.95 | 1990-10-06 |
| 1001 | 9891.88 | 1990-10-06 |
+-----+-----+-----+
10 rows in set (0.00 sec)
```

2. Write a query that produces all rows from the Customers tables for which the salesperson's number is 1001.

ANS C2-89622-SHIVANI [test]>SELECT * from Customers WHERE snum=1001;

```
C2-89622-SHIVANI [test]>SELECT * from Customers WHERE snum=1001;
+-----+-----+-----+-----+-----+
| Cnum | Cname | City   | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2001 | Hoffman | London | 100 | 1001 |
| 2006 | Clemens | London | 100 | 1001 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

3. Write a query that displays the Salespeople table with the columns in the following order: city,sname,snum,comm.

Ans C2-89622-SHIVANI [test]>SELECT city,sname,snum,comm FROM Salespeople;

```
C2-89622-SHIVANI [test]>SELECT city,sname,snum,comm FROM Salespeople;
```

city	sname	snum	comm
London	Peel	1001	0.12
San Jose	Serres	1002	0.13
London	Motika	1004	0.11
Barcelona	Rifkin	1007	0.15
New York	Axelrod	1003	0.10

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

4. Write a select command the produces the rating followed by the name of each customer in San Jose.

Ans C2-89622-SHIVANI [test]>SELECT rating , cname from Customers where City='Sa

n Jose';

```
C2-89622-SHIVANI [test]>SELECT rating , cname from Customers where City='San Jose';
```

rating	cname
200	Liu
300	Cisneros

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

5. Write a query that will give you all orders for more than Rs. 1,000.

Ans C2-89622-SHIVANI [test]>Select * from orders where Amt>1000;

```
C2-89622-SHIVANI [test]>Select * from orders where Amt>1000;
```

Onum	Amt	Odate	Cnum	Snum
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3008	4723.00	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

6. Write a query that will give you the names and cities of all salespeople in London with a commission above 0.10.

Ans C2-89622-SHIVANI [test]>SELECT Sname, City From salespeople WHERE
City='London' AND comm>0.10;

```
C2-89622-SHIVANI [test]>SELECT Sname, City From salespeople WHERE City='London' AND comm>0.10;
+-----+-----+
| Sname | City |
+-----+-----+
| Peel  | London |
| Motika | London |
+-----+-----+
2 rows in set (0.00 sec)
```

7. Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.

ANS

C2-89622-SHIVANI [test]>SELECT * From customers WHERE rating<100 or City='rome'

```
C2-89622-SHIVANI [test]>SELECT * From customers WHERE rating<100 or City='rome';
+-----+-----+-----+-----+-----+
| Cnum | Cname | City | Rating | Snum |
+-----+-----+-----+-----+-----+
| 2002 | Giovanni | Rome | 200 | 1003 |
| 2007 | Pereira | Rome | 100 | 1004 |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

8. Write two different queries that would produce all orders taken on October 3rd or 4th, 1990.

ANS C2-89622-SHIVANI [test]>SELECT * From Orders WHERE Odate BETWEEN '1990-10-03' AND '1990-10-04';

```
C2-89622-SHIVANI [test]>SELECT * From Orders WHERE Odate BETWEEN '1990-10-03' AND '1990-10-04';
+-----+-----+-----+-----+-----+
| Onum | Amt | Odate | Cnum | Snum |
+-----+-----+-----+-----+-----+
| 3001 | 18.69 | 1990-10-03 | 2008 | 1007 |
| 3003 | 767.19 | 1990-10-03 | 2001 | 1001 |
| 3002 | 1900.10 | 1990-10-03 | 2007 | 1004 |
| 3005 | 5160.45 | 1990-10-03 | 2003 | 1002 |
| 3006 | 1098.16 | 1990-10-03 | 2008 | 1007 |
| 3009 | 1713.23 | 1990-10-04 | 2002 | 1003 |
| 3007 | 75.75 | 1990-10-04 | 2004 | 1002 |
+-----+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

9. Write a query that will produce all the customers whose names begin with a letter from 'A' to 'G'.

ANS

```
C2-89622-SHIVANI [test]> SELECT * From customers  
-> WHERE LEFT(cname,1) BETWEEN 'A'AND'G';
```

```
C2-89622-SHIVANI [test]> SELECT * From customers  
-> WHERE LEFT(cname,1) BETWEEN 'A'AND'G';
```

Cnum	Cname	City	Rating	Snum
2002	Giovanni	Rome	200	1003
2004	Grass	Berlin	300	1002
2006	Clemens	London	100	1001
2008	Cisneros	San Jose	300	1007

4 rows in set (0.00 sec)

10. Write a query that selects all orders except those with zeroes or NULLs in the amt field

ANS

```
C2-89622-SHIVANI [test]>SELECT * FROM ORDERS WHERE AMT IS NOT NULL AND AMT !=0;
```

```
C2-89622-SHIVANI [test]>SELECT * FROM ORDERS WHERE AMT IS NOT NULL AND AMT !=0;
```

Onum	Amt	Odate	Cnum	Snum
3001	18.69	1990-10-03	2008	1007
3003	767.19	1990-10-03	2001	1001
3002	1900.10	1990-10-03	2007	1004
3005	5160.45	1990-10-03	2003	1002
3006	1098.16	1990-10-03	2008	1007
3009	1713.23	1990-10-04	2002	1003
3007	75.75	1990-10-04	2004	1002
3008	4723.00	1990-10-05	2006	1001
3010	1309.95	1990-10-06	2004	1002
3011	9891.88	1990-10-06	2006	1001

10 rows in set (0.00 sec)