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;

```
[test]>SELECT Snum, Amt, Odate FROM ORDERS;
 2-89622-SHIVANI
         Amt
                    Odate
  Snum
                    1990-10-03
  1007
           18.69
 1001
          767.19
                    1990-10-03
         1900.10
                    1990-10-03
  1004
  1002
         5160.45
                    1990-10-03
  1007
         1098.16
                    1990-10-03
  1003
         1713.23
                    1990-10-04
           75.75
                    1990-10-04
  1002
  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
         Hoffman
  2001
                   London
                                100
                                      1001
                                100
  2006
         Clemens
                   London
                                      1001
  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
                                 0.15
                          1007
 New York
               Axelrod
                         1003
                                 0.10
 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';

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
                   0date
                                 Cnum
                                         Snum
  3002
         1900.10
                    1990-10-03
                                  2007
                                         1004
 3005
         5160.45
                    1990-10-03
                                  2003
                                         1002
         1098.16
 3006
                    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]>SEIECT Sname, City From salespeople WHERE City='London'AND comm>0.10;

```
C2-89622-SHIVANI [test]>SELECT Sname,City From salespeople WHERE City='Londo
n'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.

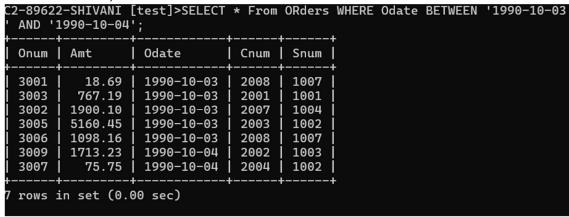
**ANS** 

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

```
C2-89622-SHIVANI [test]>SELECT * From customers WHERE rating<100 or City='r
ome';
 Cnum
        Cname
                    City
                           Rating
                                     Snum
 2002
        Giovanni
                    Rome
                              200
                                     1003
 2007
        Pereira
                    Rome
                              100
                                     1004
 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';



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';
        Cname
                   City
                               Rating
 Cnum
                                        Snum
        Giovanni
 2002
                    Rome
                                   200
                                         1003
 2004
        Grass
                    Berlin
                                   300
                                         1002
 2006
        Clemens
                    London
                                   100
                                         1001
                    San Jose
 2008
        Cisneros
                                   300
                                         1007
 rows in set (0.00 sec)
```

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

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

