Assignment no:- 5

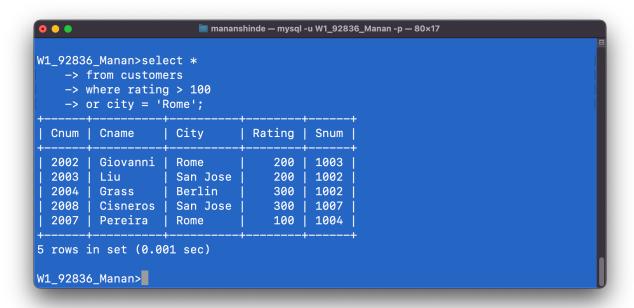
Q1) Write a query that will give you all orders for more than Rs. 1,000.

```
mananshinde — mysql -u W1_92836_Manan -p — 80×18
where Amt>1000' at line 1
W1_92836_Manan>select *
    -> from orders
    -> where Amt>1000;
  Onum
         Amt
                   Odate
                                 Cnum |
                                         Snum
  3002
         1900.10 | 1990-10-03
                                 2007
                                         1004
                 1990-10-03
  3005
         5160.45
                                 2003
                                         1002
         1098.16 | 1990-10-03
  3006
                                 2008
                                         1007
                 1990-10-04
         1713.23
  3009
                                 2002
                                         1003
         4723.00 | 1990-10-05
  3008
                                 2006
                                         1001
         1309.95 | 1990-10-06
  3010
                                 2004
                                         1002
  3011
        9891.88 | 1990-10-06
                                 2006
                                         1001
 rows in set (0.001 sec)
W1_92836_Manan>
```

Q2) Write a query that will give you the names and cities of all salespeople in London with a commission above .10

```
🖿 mananshinde — mysql -u W1_92836_Manan -p — 80×17
W1_92836_Manan>select *
    -> from customers
    -> where rating > 100
    -> or city = 'Rome';
  Cnum
         Cname
                     City
                                 Rating
                                           Snum
  2002
         Giovanni
                     Rome
                                     200
                                           1003
         Liu
                                           1002
  2003
                      San Jose
                                     200
                                           1002
  2004
                                     300
         Grass
                     Berlin
                     San Jose
  2008
                                     300
                                           1007
         Cisneros
  2007
         Pereira
                     Rome
                                     100
                                           1004
5 rows in set (0.001 sec)
W1_92836_Manan>
```

Q3) Write a query on the Customers table whose output will exclude all customers with a rating <= 100, unless they are located in Rome.



Q4) What will be the output from the following query? Select * from Orders where (amt < 1000 OR NOT (odate = '1990-10-03' AND cnum > 2003));

```
🖿 mananshinde — mysql -u W1_92836_Manan -p — 80×17
W1 92836 Manan>select * from orders
    -> where (amt < 1000 or not(odate = '1990-10-03' and cnum > 2003));
  Onum |
         Amt
                    Odate
                                 Cnum |
                                        Snum
           18.69 | 1990-10-03 |
  3001
                                 2008
                                         1007
                                        1001
          767.19
                                 2001
  3003
                 | 1990-10-03
  3005
         5160.45 | 1990-10-03
                                 2003
                                         1002
         1713.23
  3009
                 | 1990-10-04
                                 2002
                                         1003
           75.75
  3007
                  1990-10-04
                                 2004
                                         1002
  3008
         4723.00
                  | 1990-10-05
                                 2006
                                         1001
  3010
         1309.95
                  1990-10-06
                                 2004
                                         1002
         9891.88 | 1990-10-06
                                        1001
  3011
                                 2006
8 rows in set (0.001 sec)
W1_92836_Manan>
```

Q5) What will be the output of the following query? Select * from Orders where NOT ((odate = '1990-10-03' OR snum >1006) AND amt >= 1500);

```
mananshinde — mysql -u W1_92836_Manan -p — 105×18
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near ')' at line 2
w1_92836_Manan>select st from orders where not ((odate = '1990–10–03' or snum > 1006) and amt >= 1500);
                           | Odate
                                                   | Cnum | Snum |
              18.69 | 1990-10-03 | 2008
767.19 | 1990-10-03 | 2001
1098.16 | 1990-10-03 | 2008
                                                                   1007
   3001
   3003
                                                                   1001
   3006
                                                                   1007
   3008 | 1070.16 | 1770-10-03 | 2006 | 3007 | 1713.23 | 1790-10-04 | 2002 | 3007 | 75.75 | 1790-10-04 | 2004 | 3008 | 4723.00 | 1790-10-05 | 2006 | 3010 | 1309.95 | 1790-10-06 | 2004 | 3011 | 7891.88 | 1790-10-06 | 2006 |
                                                                   1003
                                                                   1002
                                                                   1001
                                                                   1002
                                                                  1001
8 rows in set (0.001 sec)
W1_92836_Manan>
```

Q6) What is a simpler way to write this query? Select snum, sname, city, comm From Salespeople where (comm > .12 OR comm < .14);

Ans:-

SELECT snum, sname, city, comm FROM Salespeople WHERE comm BETWEEN .12 AND .14;