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

   SELECT * FROM orders WHERE Odate IN ('1990-10-03', '1990-10-04');

   ```
   mysql> SELECT *
       -> FROM orders
       -> WHERE Odate IN ('1990-10-03', '1990-10-04');
   +------+---------+------------+------+------+
   | Onum | Amt     | Odate      | Cnum | Snum |
   +------+---------+------------+------+------+
   |    3 | 1200.50 | 1990-10-03 | 1003 |  103 |
   +------+---------+------------+------+------+
   1 row in set (0.00 sec)

   mysql>
   ```

2) Write a query that selects all of the customers serviced by Peel or Motika. (Hint: the snum field relates the two tables to one another).
   Ans:

   select * from customers WHERE Snum IN (select Snum from salespeople where sname = 'Peel' OR Snum = 'Motika');

   ```
   mysql> select * from customers WHERE Snum IN (select Snum from salespeople where sname = 'Peel' or Snum = 'Motika');
   +------+---------+--------+--------+------+
   | Cnum | CName   | City   | Rating | Snum |
   +------+---------+--------+--------+------+
   | 2001 | Hoffman | London |    100 | 1001 |
   | 2006 | Clemens | London |    100 | 1001 |
   +------+---------+--------+--------+------+
   2 rows in set, 1 warning (0.01 sec)

   mysql>
   ```

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

   SELECT * FROM customers WHERE CName BETWEEN 'A%' AND 'G%';

```
mysql> SELECT *
    -> FROM customers
    -> WHERE CName BETWEEN 'A%' AND 'G%';
+------+----------+-----------+--------+------+
| Cnum | CName    | City      | Rating | Snum |
+------+----------+-----------+--------+------+
| 2006 | Clemens  | London    |    100 | 1001 |
| 2008 | Cisneros | San Jose  |    300 | 1007 |
+------+----------+-----------+--------+------+
2 rows in set (0.00 sec)

mysql>
```

4) Write a query that selects all customers whose names begin with the letter 'C'.
   Ans:

   SELECT * FROM customers WHERE CName LIKE 'C%';

```
mysql> SELECT *
    -> FROM customers
    -> WHERE CName LIKE 'C%';
+------+----------+-----------+--------+------+
| Cnum | CName    | City      | Rating | Snum |
+------+----------+-----------+--------+------+
| 2006 | Clemens  | London    |    100 | 1001 |
| 2008 | Cisneros | San Jose  |    300 | 1007 |
+------+----------+-----------+--------+------+
2 rows in set (0.01 sec)

mysql>
```

5) Write a query that selects all orders except those with zeroes or NULLs in the amt field.
   Ans:

   select * from orders WHERE Amt IS NOT null;

```
mysql> select * from orders WHERE Amt IS NOT null;
+-------+---------+------------+-------+-------+
| Onum  | Amt     | Odate      | Cnum  | Snum  |
+-------+---------+------------+-------+-------+
|  1001 |  250.50 | 2023-01-15 |  3001 |   101 |
|  1002 |  500.75 | 2023-02-10 |  3002 |   102 |
|  1003 |  300.00 | 2023-03-05 |  3003 |   103 |
|  1004 |  450.90 | 2023-04-12 |  3004 |   101 |
|  1005 |  700.60 | 2023-05-22 |  3005 |   104 |
|     1 | 1500.00 | 2023-01-01 |  1001 |   101 |
|     2 |  800.00 | 2023-01-15 |  1002 |   102 |
|     3 | 1200.50 | 1990-10-03 |  1003 |   103 |
|     4 |  300.00 | 2023-02-10 |  1004 |   104 |
|     5 | 2000.75 | 2023-03-05 |  1005 |   101 |
|     6 |  500.25 | 2023-04-12 |  1006 |   102 |
+-------+---------+------------+-------+-------+
11 rows in set (0.00 sec)
```