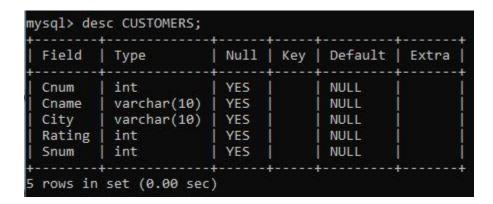**Assignment –2**

Introducing Relational Databases.

1) Which field of the Customers table is the primary key?

➜ The primary key uniquely identifies each customer in the table. It is often named Cnum, Cid, or something similar. Each value in the primary key field must be unique no two customers can have the same key. The primary key cannot be null every record must have a valid key. It helps link the customers table to other tables in the database.

2) What is the 4th column of the Customers table?

```
mysql> desc CUSTOMERS;
+--------+-------------+------+-----+---------+-------+
| Field  | Type        | Null | Key | Default | Extra |
+--------+-------------+------+-----+---------+-------+
| Cnum   | int         | YES  |     | NULL    |       |
| Cname  | varchar(10) | YES  |     | NULL    |       |
| City   | varchar(10) | YES  |     | NULL    |       |
| Rating | int         | YES  |     | NULL    |       |
| Snum   | int         | YES  |     | NULL    |       |
+--------+-------------+------+-----+---------+-------+
5 rows in set (0.00 sec)
```

3) What is another word for row? For column?
➜ Row:
Represents a single entry in a table, containing all the information for that particular item. Another word for row is record or tuple. A term often used in relational databases to refer to a single row of data.
 Column:
Indicates a specific attribute or characteristic of the data. Another word for column is field or attribute. Used in database design to describe a property of an entity.

4) Why isn't it possible to see the first five rows of a table?
➜ • Lack of Permissions: You might not have permission to view the data in the table.
   • Empty Table: The table may not have any data (rows) inserted yet.
   • Query Limitations: If you're running a query, it might not be properly set to display the first five rows.
   • Database Constraints: There could be restrictions or filters applied that prevent showing the first few rows.