

## **Assignment –2**

### **Introducing Relational Databases.**

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

CNUM is primary key

- 2) What is the 4<sup>th</sup> column of the Customers table?

Rating

- 3) What is another word for row? For column?

Another word for row is tuple, entity, opportunity.

And for column is attributes, key, method

- 4) Why isn't it possible to see the first five rows of a table?

In a RDBMS, row of table is scattered all over the server HD.

To speed up the INSERT statement. Consider a multiuser environment, when multiple user

are INSERTING rows in the same table simultaneously, then the INSERT operation would be very

slow. In MySQL, when you INSERT a row into table, wherever it finds the free space in DB server HD,

it will store the row there when you SELECT from a table, the order of the row in the output depends

on the row in the output depends on the row address; it will always be in ascending order of the row

address.

Hence it is not possible to view the first 'N' rows of tables or the last 'N' rows of the tables

This is common for all RDBMS.