Differentiate between Primary key and Foreign key.

ANSWER A primary key is a unique value that identifies a row in a table whereas a foreign key identifies a column or set of columns in one (referencing) table that refers to a column or set of columns in another (referenced) table. A table can have only one primary Key but a table can have multiple foreign keys.

Define the following:

Table , Primary Key, Foreign Key Ans:

Table: A table is a collection of related data held in a table format within a database. It consists of columns, and rows.

Primary Key A primary key is a unique value that identifies a row in a table. For example, Student Table contains columns such as Admno, Name, DOB , Address, Phone and Admno can be considered as Primary Key

Foreign Key: a **foreign key** is a field or a column that is used to establish a link between two tables. In simple words you can say that, a **foreign key** in one table used to point primary **key** in another table.

Differentiate between Flat File and Relational Database.

**Flat File**: Data is stored in a single table. Usually suitable for less amount of data.

**Relational Database**: Data is stored in multiple tables and the tables are linked using a common field. Relational is suitable for medium to large amount of data