RDBMS : Relational

The records are in tabular form

Easy way to store / access records

Not as complex as HDBMS / NDBMS

When we talk about RDBMS, we use some terms

Relation : Table

Entity : Anything about which we can store some data

Ajay, Deepak , Gagan are Entities

Attributes : Features which describe the entity

Here RollNo , Name , Marks are ka Attributes / Fields / Columns

Record / Tuple : Collection of related data

|  |  |  |
| --- | --- | --- |
| RollNo | Name | Marks |
| 1 | Ajay | 90 |
| 2 | Deepak | 98 |
| 3 | Gagan | 98 |
| 4 | Harpeet | 89 |

Some Entity Rules

1. Entity Integrity : We should maintain integrity of an Entity : We achieve it by using

Primary Key : It is a column which is used to identify the records uniquely

It has 2 features

1. Cannot be blank / null
2. Cannot be duplicate / No duplicacy

(RollNo is the primary key)

2.Referential Integrity : Its talks about more than 1 table

We achieve it by using Foreign Key

1. Domain Integrity : It tells us that what values we can put in the columns

We achieve it by using check clause