|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| primary key  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | |  |  | Key-Defination 1  |  | | --- | |  | | Unique | | Cannot be Null | | Uniquely identifies a table row | | Example: Password# | |  | |  | |
|  |  |  |  |
|  |  |  |  |
| Foreign Key  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | |  |  | Key-Definition 2  |  | | --- | |  | | Key to build relationship between tables | | Can be duplicate | | Can be null | | Should be primary key in a different table | |  | |  | |  | |
|  |  |  |  |
|  |  |  |  |
| composite key  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | |  |  | Key –definition 3  |  | | --- | |  | | More than 1 columns/attributes | | Combination of columns which are unique | | Cannot be null | |  | |  | |  | |  | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| tuple  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  | |  |  | definition 1  |  | | --- | |  | | Row of Table | |  | |  | |  | |  | |  | |
|  |  |  |  |
|  |  |  |  |
| attribute  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  |  | Definition 2  |  | | --- | |  | | Column or Field | |  | |  | |  | |  | |  | |
|  |  |  |  |
|  |  |  |  |
| Cardinality  |  | | --- | |  | |  | |  | |  | |  | |  | |  | |  |  | definition 3  |  | | --- | |  | | Number of rows | |  | |  | |  | |  | |  | |