Database Fundamentals

**Directions:** Record notes while viewing the Database Fundamentals Power Point

**Definition:**

**Business Uses of Databases**

**Can you associate company names with the database examples?**

**Telephone book: Customer data:**

**Student Data: Real estate listings:**

**Music: Hospital/patient data:**

**Fingerprints: Inventory:**

**Dictionaries: :**

**Tables**

**Main Topic:**

**Organization of a Database**

**Four**

**Database Objects:**

1.

2.

3.

4.

Queries, Forms, and Reports will be discussed in 5.02

Just list the names of the objects here; don’t worry about definitions yet.

**Field – Definition and Example**

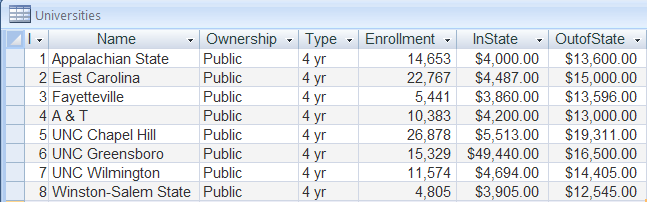
**Record – Definition and Example**

**Entry – Definition and Example**

**Tables: the Building Blocks of all Databases**

**Table Components**

College Database Activity

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* + 1. What are the field names?
    2. What is the name of the table?
    3. How many records are there?
    4. How many entries are there?
    5. Describe the contents of one record.
    6. Describe the contents of one field.

|  |  |
| --- | --- |
|  | A grouping or category of similar information contained in a table; a unique identifier for a category of information |
|  | The building blocks of all databases. They are used to group and organize the information within a database; arrangement of columns and rows. It is the fundamental building block of all databases. |
|  | Single piece of data in a database table. |
|  | A complete description of all of the fields related to one item in a table. |
|  | A tool used to organize, store, retrieve, and communicate groups of related information. Example: Card Catalog, online Library |

Match the Word with the Vocabulary

**Vocabulary:**

Table

Database

Entry

Field

Record