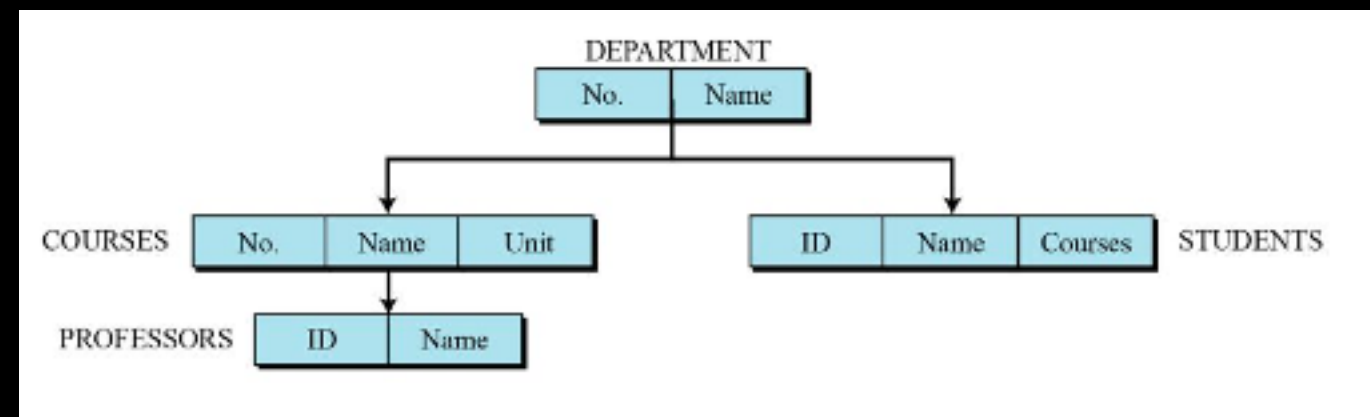


# HIERARCHICAL DATABASE

- Hierarchical database organizes data as an inverted tree, where each entity has only one parent, but can have several "children."
- The root is the one entity at the top of the hierarchy. (In the example to your right, DEPARTMENT is the "root.")
- Your computer hard drive is organized like this.



# RELATIONAL DATABASES

- However, when multiple parties need to access and manipulate data, a relational database is optimal.
- A relational database is a collection of tables, each with a schema that represents the fixed attributes and data types that the items in the table will have.
- Relational databases are the most popular database setup.

