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Lab #2 Short Essays

- 1.) A superkey is a field or set of fields that uniquely identifies a record. A candidate key is a key that is minimal and contains a fewer number of columns. A primary key is also a minimal superkey, but it is denoted with a special syntax label.
- 2.) A topic in which you may need to create a table for would possibly be a payroll for a business. For fields, it would need to describe the employees that are there, what their positions are, and what kind of payroll they are on. The employee field would not be null, along with their positions. However, the detail for their payroll would be nullable.
- 3.) The “first normal form” rule is the condition that there is an atomic value to every component, of every tuple. The “access rows by content only” rule states that one cannot access rows by the number of rows alone. The “all rows must be unique” rule is that every table must have a primary key, as well as no duplicate data.