Multiplicities

relationships between tables

- There are 3 types of Multiplicities
- 1. 1-to-1
 - each piece of data in either table corresponds with exactly one piece of data in the other table
 - o this relationship never has to exist, but may be desired
- 2. 1-to-Many
 - each piece of data in one of the tables corresponds to many pieces of data in the other table.
 - This relationship is NOT symmetrical
 - In the other direction => Many-to-1
- 3. Many-to-Many
 - each piece of data in either table can correspond to many pieces of data in the other table
 - this relationship IS symmetrical
 - o Junction Table
 - an intermediary table to break up the relationships into 2 sets of 1-to-Many