ISTE-722 Database Connectivity and Access
Practice Exercise 4 – Metadata

Assignment Purpose: Practice working with metadata.

1. Modify your previous practice exercise database class. Add another method named getData that accepts an SQL string and returns a 2-d ArrayList/List just like your existing getData method, but also accepts a boolean value to indicate whether column names and widths should be included in the returned data structure.
    a. If the boolean value is true, the first "row" will be field names and the second "row" will be field widths. The actual data should begin in "row" 3.
    b. If the boolean value is false, the data structure should contain only the values returned from the query.

2. The following is an exercise only, it would NEVER be done in practice. In your Equipment class, make a call to this new getData method retrieving the equipment attributes, and then print them out to the console nicely formatted based on the metadata returned. All values should be nicely aligned and columns should be no wider than necessary.

Submit a zip including all files I need to compile and run your code.