FAQ - Stage 3 of Project 1 - Mini DBMS

1. **What is the meaning of "type of indexing algorithm", "tree type indexing" and "hashing type indexing"? Are they related to the data structure we implement tables, or the order of the records when we show a table? Are there some examples of these terms?**

These are two types of indexing algorithms that you can implement in your DBMS. You will learn about indexing later in the class. It is basically a way of storing the records in a table for faster querying (SELECT). You can check out this article for now:

<http://en.wikipedia.org/wiki/Database_index>

1. **In stage3, what are the maximum numbers of tables and attributes?**

"The sky's the limit..."

But seriously, we didn't specify any limit. Don't worry, you will not have to create more than 5 tables.

1. **Could we use API or 3rd library to implement indexing (hashing and tree)? Or do we have to write indexing by ourselves?**

Yes, you may use an API for the indexing part.

1. **Can we change the sequence of where condition? For example:**

**"SELECT COUNT(\*) FROM user1, trans WHERE user1.attr1 = trans.attr2 AND user1.attr5 > 50000;"**

**to**

**"....WHERE trans.attr2 = user1.attr1 AND user1.attr5 > 50000;"**

**or**

**"....WHERE user1.attr5 > 50000 AND user1.attr1 = trans.attr2;"**

Yes