



Syntax Error Checklist

There are several common errors that learner's make when writing their queries. If you are experiencing a syntax error, please use the checklist below to help identify the error and make the necessary changes to your query. If the checklist items are all correct in your query, please use the forums to see if one of your peers can help.

When posting to the forums, it is important to post in the correct week and to add a screen shot of your query. Without that, it is difficult to provide guidance on what changes should be made.

Syntax Error Checklist:

When reviewing your queries for errors check the following:

- All keywords are spelled correctly
- All keywords are in the correct order
- Aliases do not have keywords or reserved words in them. You can use these websites to lookup whether your alias is a keyword or a reserved word:

<http://hsqldb.org/doc/guide/lists-app.html>

https://www.petefreitag.com/tools/sql_reserved_words_checker/

<http://tunweb.teradata.ws/tunstudent/reservedwords.htm>

- Aliases and title names do not contain white spaces (unless the full title is encased in quotation marks)
- Quotation marks are of the correct type
- Semi-colons are at the end of your query, not in the middle
- All opening parentheses are matched with a closing parentheses
- There are commas between all the items in a list- there is NOT a comma after the last item in a list
- All text strings are enclosed with the appropriate types of quotation marks
- Each column name is linked with the correct table name
- All the necessary join conditions are included for each join