

# Assignment 1 – Learning to connect to MYSQL using C / C++; Creating a database

Date: Aug 11, 2022;

Submission (Code + any analyses that you may have done): Aug 21, 2022;

Viva: Sep 10, 2022 & Sep 11, 2022

## Questions:

1. Use C / C++ to connect to the MySQL database framework [10 points]
2. Use the above framework to convert your ER diagram from the lab on Aug 2, 2022 to actual tables [20 points]
3. a. Identify candidate keys in all tables  
b. Are your tables in the 3rd normal form? If not, upgrade the tables to 2NF and update the database accordingly

[10 + 10 = 20 points]

## Assessment Rubric for Submitted Work - Evaluation per answer:

Proper understanding of question and work done accordingly:	80 - 95%
Attempt to work beyond what has been asked, with in-depth understanding: (Definite contender for full score for question)	95 - 100%
Vague understanding, bursts of in-depth answers:	70 - 80%
Vague understanding, bursts of broad conceptual answers:	50 - 70%
Weird hash of work submitted, some understanding:	40 - 50%
No understanding, just work submitted: (Probable plagiarism)	0

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