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SQL ASSIGNMENT

26/01/24

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**Query Tasks**

Before executing any of these queries, I imported the world database and executed the line 1 (use world;) to tell mySQl that I am querying that specific database.

**Task 1**

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**Task 2**

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**Task 3**

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**Task 4**

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**Task 7**

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**Task 8**

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**Task 9**

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**Bonus Task 1**

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**Bonus Task 2**

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**Bonus Task 3**

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**2. EER Diagram**

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**3. Key Questions**

Identify the primary key in country table = Code

Identify the primary key in city table = ID

Identify the primary key in countrylanguage table. = CountryCode

Identify the foreign key in city table. = CountryCode

Identify the foreign key in countrylanguage table. – A composite Key - CountryCode, Language

**4. Reflection**

In this assignment, I was able to demonstrate my knowledge of creating SQL queries, creating EER diagrams and identifying primary and foreign keys. In my SQL queries I used keywords SELECT, FROM, WHERE, INNER JOIN, ORDER BY, DISTINCT and LIKE. Additionally, I used the function COUNT.

To build further on the SQL queries I could use more challenging data sets and incorporate more complex functions.