✓ **Congratulations! You passed!**
TO PASS 80% or higher

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GRADE
100%

Graded Quiz: Test your Project understanding

LATEST SUBMISSION GRADE

100%

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1. Data in a database is related. What types of data might be found in a database used by a college?

   [1 / 1 point]

   ☑ StudentID

   > ✓ **Correct**
   > Correct! I'ts highly likely that information about students would be found in a college's database.

   ☐ PetID

   ☑ CourseNumber

   > ✓ **Correct**
   > Correct! Course data would be found in a college's database.

   ☑ ClassRoomCapacity

   > ✓ **Correct**
   > Correct! A college would surely store data about class room sizes to assist them with scheduling classes.

2. A DBMS and a database are the same thing.

   [1 / 1 point]

   ○ True

   ● False

   > ✓ **Correct**
   > Correct! It's important to understand that the DBMS (database management system) is the software used to manage the database. The database is the collection of data.

3. When using SQLiteStudio to create a new database, you would use the **Database** option from the Menu bar and then select the **Add a database** option.

   [1 / 1 point]

   ● True

   ○ False

   > ✓ **Correct**
   > Correct! Creating a database can be done by selecting **Add a database** from the **Database** drop-down menu.

4. Select the group of statements below that makes the correct use of the terms: relation, entity, fields, tuples, and primary key.

   [1 / 1 point]

   ○ The subject of a tuple is the primary key. Each relation is made up of fields and primary keys. An entity is used to uniquely identify each of the tuples in the relation.

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◉ The subject of a relation is an entity. Each relation is made up of fields and tuples. A primary key is used to uniquely identify each of the tuples in the relation.

○ The subject of a primary key is the field. Each relation is made up of fields and entities. A super tuple is used to uniquely identify each of the tuples in the relation.

✓ **Correct**

Correct! A relation is a table, which always focuses on one subject, or entity. Each table is made up of columns (fields) and rows (tuples). And each row is always uniquely identified by a primary key.

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5. You have used SQLiteStudio to add a database table. Then you created a field called AmountDue, which is meant to store the unpaid amount of a customer's bill. Which data type should you use for AmountDue?

1 / 1 point

◉ decimal

○ char

○ integer

○ date

✓ **Correct**

Correct! Since the data will likely have dollars and cents, decimal would work perfectly.

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6. After adding rows of data to a table in SQLiteStudio, what is the consequence of forgetting to click the green check mark?

1 / 1 point

◉ The data is not saved.

○ The new column is not saved.

○ Data rows are saved to the wrong table.

○ The database is not saved.

✓ **Correct**

Correct! If you forget to click the green check mark, the rows are not committed to the table