Answers to Critical Thinking Questions – Module 01

Student answers could vary from those presented in this document.

**Apply Your Knowledge – Assignment Instruction**

10. How would you change the field name of the Street field in the Client table to Address?

**Apply Your Knowledge – Possible Answers**

10. If students understand this question to mean changing a field’s caption, then in Datasheet view, select the Street field, click the Name & Caption button (Table Tools Fields tab | Properties group), and enter the caption, Address in the Enter Field Properties dialog box. In Design view, select the Street field, and enter the caption, Address in the Field Properties pane.

10. If students understand this question to mean renaming the field from Street to Address, then in Datasheet view, right-click the field, select Rename Field on the shortcut menu and rename the Street field to Address. In Design view, position cursor on Street field, replace Street with Address and save the changes to the table.

**Extend Your Knowledge – Assignment Instruction**

13. (a) Why would you use a template instead of creating a database from scratch with just the fields you need? (b) The attachment data type allows you to attach files to a database record. If you were using this database to keep track of events for a 4th of July celebration in a small town, what specific documents might you attach to an Events record?

**Extend Your Knowledge – Possible Answer**

13. (a) Answers will differ but students should have reasons for their responses. A template often includes additional database objects besides tables. Also, using a template can alert you to other fields that were not obvious when you were designing the database. (b) Answers will vary based on student interest but some typical responses could include: posters and flyers advertising events; lists of sponsors, lists of volunteers; registration forms, and liability waivers.

**Expand Your World – Assignment Instruction**

8. Which cloud-based storage location did you use for this assignment? Why?

**Expand Your World – Possible Answer**

8. Answers will differ but students should support their response with reasons.

**Lab 1 – Assignment Instruction**

13. The Commission Rate field has a field size of Single. If you changed the field size to Integer, what values would appear in the Commission Rate column? Why?

**Lab 1 – Possible Answer**

13. Because the integer field size stores only whole numbers, only the value 0 (zero) would appear in the Commission Rate field.

**Lab 2 – Assignment Instruction**

12. If you had designed this database, could you have used the field name, Name for the Vendor Name? If not, why not.

**Lab 2 – Possible Answer**

12. No. Name is a reserved word in Access and cannot be used as a field name.

**Lab 3 – Consider This: Your Turn**

See the Lab 3 Consider This: Your Turn Rubric File for possible answers to the critical thinking questions.