|  |  |  |  |
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| Name |  | |  |
| Score | / 10 |  |  |
| Update Value | |  |  |
| Make all corrections and resubmit to earn update points | | | |

**Relational Database Development**

152-156

# Creating Tables using MySQL

10 points

Overview

Overview here

1. Start XAMPP and the MySQL Workbench. Remember, XAMPP is required to access the MySQL databases on your USB drive.
2. Create a database (schema) called *computerinstalls*.
3. Your MySQL databases are always visible in the Object Browser panel on the left side of the workbench screen. If your new *computerinstalls* database doesn’t appear, right-click in the Object Browser panel and refresh.
4. Copy the command you used to create the database into the area below.  
   Click here to enter text.
5. You might not always have the workbench available. Use the *show* command to list all the databases in MySQL.
6. Copy the command you used into the area below.  
   Click here to enter text.
7. Make *computerinstalls* your default database.
8. Create a table named *tblComputers* with the following fields. All fields can be null except the key.  
   compID (auto)  
   mfgName (10)  
   mfgModel (15)  
   processorType (25)  
   purchaseDate
9. Copy the command you used to create the table into the area below.  
   Click here to enter text.
10. Verify that all your field designations were entered correctly by listing the table’s fields.
11. Copy the command you used into the area below.   
    Click here to enter text.
12. Take a screen snapshot. Crop the screen snapshot to show only the table’s structure (from the command in #10).

**Paste the screen snap below this line.**

1. Add a record to the table with the following data:  
   mfgName: Dell  
   mfgModel: Vostro 230  
   processorType: Intel Core2Quad Q8400  
   purchaseDate: February 7, 2015
2. Copy the command you used into the area below.  
   Click here to enter text.
3. Show all the records (1) that are in tblComputers.
4. Copy the command you used into the area below.  
   Click here to enter text.
5. Take a screen snapshot. Crop the screen snapshot to show only the results of the command from line #15.

**Paste the screen snap below this line.**

1. Create another table named *tblSoftware* with the following fields:  
   swID (auto)  
   swName (25)  
   swVersion (4 digits followed by 2 decimals)  
   swType (20)  
   swCost (3 digits followed by 2 decimals)
2. Copy the command you used to create the table into the area below.  
   Click here to enter text.
3. Verify that all your field designations were entered correctly by listing the table’s fields.
4. Copy the command you used into the area below.  
   Click here to enter text.
5. Take a screen snapshot. Crop the screen snapshot to show only the table’s structure (from the command in #21).

**Paste the screen snap below this line.**

1. Using **one command**, enter the following 3 records:

|  |  |  |
| --- | --- | --- |
| swName: Windows  swVersion: 8.1  swType: Operating System  swCost: 129.95 | swName: MySQL Workbench  swVersion: 6.2  swType: SQL IDE  swCost: 0 | swName: MS Office  swVersion: 2013  swType: Office Suite  swCost: 225.5 |

1. Copy the command you used into the area below.  
   Click here to enter text.
2. Show all the records (1 command) that are in tblSoftware.
3. Copy the command you used into the area below.  
   Click here to enter text.
4. Take a screen snapshot. Crop the screen snapshot to show only the results of the command from line #25.

**Paste the screen snap below this line.**

1. Delete the Windows record.
2. Copy the command you used into the area below.  
   Click here to enter text.
3. Change the cost of MS Office to 199.95.
4. Copy the command you used into the area below.  
   Click here to enter text.
5. Show all the records (1 command) that are in tblSoftware.
6. Take a screen snapshot. Crop the screen snapshot to show only the results of the command from line #32.

**Paste the screen snap below this line.**

1. Submit this completed lab to your instructor.