

## LESSON PLAN FORMAT

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*Please submit to the HTLC Internship Consultant within two weeks of the internship experience. Thank you.*

**Presented by:** Terry Harman

**Program:** Visual Basic

**Course:** Computer Programming

**Course Competencies:** Database Activity within Visual Basic

**Lesson Title:** Friends Data Base

**Objective:** Use Visual Data Manager to create a one-table Access database

**Tools and equipment:** Computer with Visual Basic Application Program, Visual Basic Help indexes,

**Materials:**

**Teaching aids:** Demo of location of Data Manager command icon within Visual Basic, demo of Visual Data Manager

**References:** Programming with Microsoft Visual Basic 6.0, Diane Zak; Course Technology

**METHOD:**

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### I. PREPARATION

- Visual Data Manager
- a. Use Visual Data Manager to contain the names and phone numbers of your friends. Name the database Friends; name the table tblFriends  
The tblFriends should contain three fields: last name, first name, and phone number  
Create an index that includes both the last name and first name fields
  - b. Arrange the records by first name within last name. If four of your friends have the last name "Smith," tell VDM to arrange the Smith records in first name order
  - c. Use Visual Data Manager to add 10 records to the table. Be sure three of the records have the same last name, but different first names.
  - d. Close, then reopen, the database table. The records should display in last name order. The records having the same last name should display in first name order.
  - e. Submit a disk that contains the database Friends

### II. PRESENTATION

**Activity:** Demonstrate to me on your computer that the Database Manager does a sort order of first name within last names

**Application:** Colleges use data sort order to manipulate enrolled students on a much larger scale.

**Evaluation:** Does the program work? "A" grade if it does