



ST600/30 Part 2
Computer Programming
Student Workbook

Issue: US600/30/2b-IQ-0201A

SCANTEK 2000 - A division of LJ Technical Systems.

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Assignment 16 *Designing An Address Book*

List features that you think should be included in an Address Book program.

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Design and draw a user interface for the Address Book, include any graphical images and options you might expect to see on the interface.

Design your Address Book program by drawing a data flow diagram.

Assignment 17 Graphics

The name of the folder used to store your work is:

ljstudnt\st600\30hour\

Assignment 18 Databases

Write the details of at least five of your friends/class pals

Name

Address

Zip Code

Telephone Number

Email Address

Birthday

Name

Address

Zip Code

Telephone Number

Email Address

Birthday

Name

Address

Zip Code

Telephone Number

Email Address

Birthday

Name
Address
Zip Code
Telephone Number
Email Address
Birthday

Name
Address
Zip Code
Telephone Number
Email Address
Birthday

Name
Address
Zip Code
Telephone Number
Email Address
Birthday

Name
Address
Zip Code
Telephone Number
Email Address
Birthday

Write down the Tab order of the controls on your form.

Control	TabIndex
txtFstName	
txtLstName	
txtAddress	
txtZip	
txtTelephone	
txtEmail	
txtBirthday	
cmdFind	
cmdAdd	
cmdDelete	
cmdPrint	
cmdMail	
cmdLetter	
cmdQuit	

Assignment 30 *Package & Deployment*

Complete the test schedule to ensure that every part of the program is working properly.

Test Schedule

Manual Test

Module:.....

Program.....

Tested By.....

Date.....

Do not perform any corrections during testing. If a problem is found, make a note, and then continue.

If corrections are necessary, then re-test the parts affected by the changes.

- When program is run splash screen appears.
- After a few seconds of the splash screen appearing, the Login dialog box appears.
- When you click the cancel control on the Login dialog box, the Login dialog box disappears and the program ends.
- When you type in an incorrect password in the Login dialog box, a message box appears saying "Invalid password, try again!"
- When you type the correct password in the login dialog box, the Login dialog box disappears and the Main form appears.
- When the Main form appears, a person's details are shown.
- When using the left and right arrows on the control with the text "VB Address.mdb", the details on the form change.
- When you press the Find control, a Name Search dialog box appears asking the user to enter the Last Name.
- When you enter the Last Name of a person whose details are in the database, and press OK, their details are displayed.
- When you enter the Last Name of a person whose details are not in the database and press OK, a message box appears saying "No current record". After pressing the OK control another message box appears saying "Sorry I couldn't find your name". Pressing the OK control again displays the Main form.
- When you press the Add control, a message box appears. When the Cancel control is pressed the Main form appears with details as before.
- When you press the Add control followed by the OK control, the Main form appears blank for the user to fill in.
- When you enter details into the Main form and press the left arrow on the control with the text "VB Address.mdb", the database is updated. The details can then be found using the arrows to scroll through the database.

- When you press the Delete control a message box appears asking the user if they want to delete this record. When you click OK on the message box the record is deleted. When you click Cancel on the message box the Main form will be displayed.
- When you press the Print control, the Print form appears.
- When you press the Print control on the Print form, the Print dialog box will appear. When you press OK on the Print dialog box the details shown on the Main form are printed.
- When you press the Font control on the Print form, the Font dialog box will appear. When you have chosen a font and print the details on your form they appear in the font, font size, and font type you have chosen.
- When you press the Send Email control, an Email application is opened. The email address that was shown on the Main form is shown in the **To:** box on the Email form.
- When you send an email to a friend in your Address Book they received the email.
- When you press the Internet control, an Internet application is opened.
- When you press the Letter control the letter form appears and you can write text on the form.
- When you press Exit from the file menu on the letter form, the letter form closes and the Main form is displayed.
- When you press Proof from the file menu on the letter form, the Proof form appears.
- The Proof form has the current date inserted, the text "Dear", the first name of the current record shown on the Main form and the text that you wrote on the Letter form.
- When you press Exit from the file menu on the Proof form, the Proof form will disappear and the letter form will be displayed.
- When you press Print from the file menu on the Proof form, an options dialog box appears.
- When you press the Print control on the Print form the Print dialog box will appear. When you press OK, the details shown on the Proof form are printed.
- When you press the Font control on the Options form, the Font dialog box will appear. When you have chosen a font and print the details on your form, they appear in the font, font size, and font type you have chosen.
- When you press Cancel on the Options form, the Options form will disappear and the Proof form shown.
- When you press the Quit control on the Main Form the program ends.