CIS605 Test 3 - Preparation

Fall 2015

Instructions

This test will cover Chapters 5 & 10 – on the topics of Selection and Custom Events. You, of course, still have to know how to do the other things you've been learning all semester, but this test will *focus* on these topics.

ACADEMIC INTEGRITY EXPECTATIONS:

This is a take-home test, with a limited amount of time allowed. It is open-book, open-note, open-Internet, closed-neighbor. You may not obtain any form of help from another human in answering the questions on this test. Only you, the person who is receiving a grade for the test and the course may complete the work for the test.

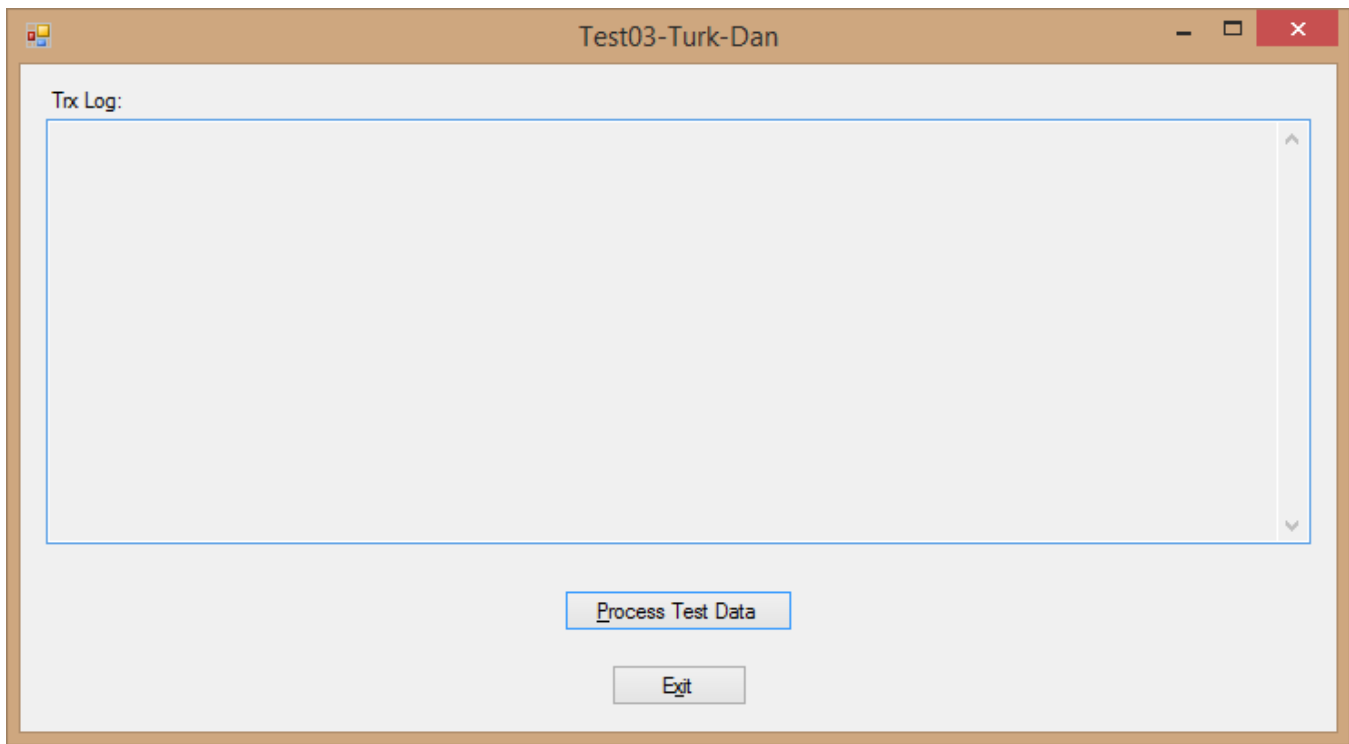By submitting your answers for a grade you agree that you have done the following:

1. You, the person receiving a grade for this course, are the only one who has worked on and submitted your answers for, this test.
2. During the test you have neither received any help from, nor given any help to, other people regarding the test.
3. Before the test you have not communicated regarding the test with anyone who has already taken the test, and after the test you have not communicated regarding the test with anyone who has not yet taken the test.

TEST PREPARATION:

You may do all of the following before actually starting the test. You may use your notes, etc for this preparation, but you, yourself, the person receiving a grade for this course, must do this work on your own without help from any other person.

This test has just VB.Net programming questions. In order to prepare for the programming questions it is recommended that you do the following before actually starting the test and thus save valuable time once you actually start the test and the clock is running.

1. Before you start the test, and before the clock begins, you may wish to create the Project/Solution for the test. For this test, we will build on the Banking scenario from the previous test. Thus, you will either likely want to use your previous test, or a cleaned-up version of it, as your starting point. You will also want to create two additional, blank, class within it, with the standard class template initialized within each of them. This will leave you with a single Form and five business logic classes. You will use these classes for the programming portion of the test. The Solution should be named Test03-LLLL-FFFF and the Project within it should be named Test03-LLLL-FFFF, where LLLL is your last name and FFFF is your first name. For example: Test03-Smith-Sam. (If you use your code from the previous test, from Windows Explorer / My Computer, copy and paste a brand new copy of the whole directory tree for that solution and rename it and the startup files within it (.sln, .suo) to be "Test03-LLLL-FFFF" (as described above). The project within it, should already have its appropriate name LLLL-FFFF (your last and first names).

2. Make your form look like the one below.

3. Use the Class/File Template provided for this semester.

4. If not already created, make normal _FrmMain_Load(), _btnProcessTestData_Click(), _btnExit_Click(), _initializeBusinessLogic(), and _initializeUserInterface() methods.

5. If not already created, make _initializeUserInterface() set the form's default Accept Button to be the Process Test Data Button, the form's default Cancel Button to be the Exit Button, and set the Form's Title to be as shown in the screen shot above (using your name, of course!).

6. If not already done, make the Transaction Log Textbox automatically scroll to the bottom each time its contents change.

7. If you are starting with code from Test2, and have not already done so, clean it up so that it does not have comments about Test2 anywhere in it and remove all code from within the ProcessTestData method on the main form.

8. When taking the test, before the clock time runs out, you will have to ZIP up and attach your VB.Net Solution directory (just as you have done for Practice assignments) to this test. This must all be done before the time runs out for the test.

9. *You do *not* have to upload your Test3 Preparation VB.Net solution to RamCT. You will only have to upload your completed test according to the instructions on the test.*