

What does a good answer to this assignment look like?

There are several parts to a good answer. The following are EXAMPLES ONLY of what a good answer might look like, and are not guaranteed to be worth 100%. You can choose how to organize your own answers and files in any way you think appropriate, as long as it is clear to the markers that you have addressed all the parts asked for in the assignment handout.

- The first part of a good answer is a table of test cases listing the names of the tests, and which feature and requirement they are intended to test, something like this:

| Transaction | Test Name | Intention |
|-------------|----------------------|--|
| login | login1 | Test that login transaction is accepted. |
| | login2 | Test that no other transaction is accepted before login. |
| | login3 | Test that we can log in as standard. |
| | login4 | Test that we can log in as admin. |
| | | |
| | ... and so on ... | |
| | | |

- The second part of a good answer is a printout of the actual test inputs and expected outputs. These could be included in the table also if desired, or printed out separately. Test inputs must be entire sessions. It's important that tests be in separate files.

login1 input file login1.inp

```
login
admin
logout
```

login1 expected bank account transaction file output login1.etf

(no real transactions, so event transaction file has only ending line)

```
00                                00000 00000.00
```

login1 expected terminal output login1.bto

```
welcome to the banking system
enter session type:
login accepted
session terminated
```

... and so on for all other tests ...

- The third part of a good answer is a description of the test file organization and plan to run the tests. This answer is an example only - you may wish to use directories to organize your test input and output files instead of using only one as is described here.

Test Organization

Tests are organized into a single directory organized by file name. Tests for each transaction are named starting with the transaction name and numbered sequentially, for example login1, login2, login3 and so on.

Test inputs are named ending in ".inp", for example "login1.inp". Corresponding expected bank account Transaction File outputs are named with the same name ending in ".etf", for example "login1.etf". If there is expected terminal output the corresponding file ends with ".bto", for example "login1.bto". When tests are run, actual test run outputs for the bank account Transaction File will be named ending in ".atf" (e.g. "input1.atf") in the same directory.

... and so on ...

Test Run Plan

Tests will be run using a DOS batch command script that runs the Front End for each of the test input files in the directory. After each is run, the script will save the output file and compare it to the expected output file, reporting if there is a difference.

... and so on ...

- The last part of a good answer is a list of the problems or oversights that you found in the written requirements document (the project description), and what you assumed to deal with them.

Requirements Problems

The requirements do not say what is the maximum number of bank accounts that a account holder can have. We assume that the maximum number is (10)

*... and so on
...*