

Errors found in Chapter 5 (As of November 7, 2002)

Page 12: “**Initialization:**” paragraph. At the end of this paragraph, add the sentence “In addition, the VM pointers should be added.”

Page 13, From “**Contract:**” to the bottom of the page, replace the existing text with:

Contract: Write and test the two assembly programs described below. The first program carries out a simple processing task. The second program illustrates basic handling of keyboard input and screen output. To get full credit, *your* programs must pass *our* tests, and they must be well written.

How to write and test assembly programs: You are welcome to write and test your program in any way you see fit. At some point though, your program must pass some “official tests”, as specified in a test script and a compare file supplied by us. Let us assume that the program name is `Prog`.

1. Put each program in a separate directory, e.g. `.../Prog`. Put the supplied `Prog.tst` and `Prog.cmp` files in this directory. All the files mentioned below should be stored in this directory as well.
2. Use a text editor to write the required assembly program, and save it in `.../Prog/Prog.asm`.
3. Use our `Assembler` program (in either batch or interactive mode) to debug and translate your program. The result will be a binary file called `Prog.bin`.

Page 14, “**The multiplication program**”, second paragraph. Change “RAM addresses 1,2, and 3, respectively.” to “RAM addresses 0,1, and 2, respectively.”

Page 14, “**Steps:**”, Change the first item to:

1. If you haven’t done that already, download the software suite that accompanies the book. The `Assembler` and `CPUEmulator` programs needed for this project are available in the `translators` and `simulators` directories, respectively.

Page 15, “**Steps:**”, Change the first item to:

1. Download the `project5b.zip` file and extract its contents to a directory called `project5b` on your computer.

In addition to the above there are quite a few harmless style errors -- please report them as well as any other errors that you encounter.