

1. Study Sixth edition Chapter 5, Section 5.1.

2. Do Exercises 5.1, 5.2, 5.4, 5.6.

Type your solutions in a text editor or word processor app and save it in a `.pdf` file. You cannot simply change the extension of your file name from `.docx`, or `.rtf`, or `.txt` to `.pdf`. You must *export* your document as a `.pdf` file.

Submit your `.pdf` file as an attachment in Canvas under Assignment 10a.

3. Write an assembly language program in the Asmb3 Pep/10 Bare Metal mode to input three ASCII letters, output them in order, then output them on the next line in reverse order. If the input is

`tab`

the output should be

In: `tab`

Out: `bat`

Use symbols with `.BLOCK` to allocate storage, use the `@CHARI` and `@CHARO` macros, and use immediate addressing when possible.

Name your file `xxprob0503.pep` (all lowercase) where `xx` is your assigned two-digit number. For example, if your two-digit number is 99 you would name it `99prob0503.pep`. Note that the app will automatically append the file extension `.pep`.

Hand in your file as an attachment in Canvas under Assignment 10b.