

Using the microprocessor simulator

To copy the simulator to your account:

1. At www.framingham.edu/faculty/dkeil/IIT-matls.htm, download the file, *asm_setup.exe*. This is an install file executable under Windows.
2. Execute this program by double-clicking on its icon. The installer will place a directory on your hard disk containing the processor-simulator software and some associated files. You only need to execute *asm_setup.exe* once per computer.
3. Go to the Topic-1 forum on the Discussion Board. Select the posting *xy.asm*, Right-click on the file name and save *xy.asm* using Save Target. Remember where you saved it.

To run the simulator:

In *asm.exe*, use File/Open to open *xy.asm*. Then select Execute/Assemble; then Execute/Run. Then step through the program using Enter.

To print the ASM-related files:

In Notepad, use File/Open to open *xy.asm* and copy-paste it into a Word document. Then open *xy.out* and copy-paste into the Word document.

To install ASM on FSC lab computers

To install ASM to the Y:\ directory, which is your home directory or share.

1. Download *asm.exe* and save to your desktop. Now, technically you don't need to do anything as far as moving the file to your share, because all of your desktop's contents are on there automatically, or else you wouldn't have anything on your desktop when your moving from pc to pc.
2. Make a new folder on your desktop called *ASM*.
3. Run *asm setup* from your desktop and go through it until it prompts you to choose which directory to install it to, click browse and minimize the c drive and look for your directory, which is Y by default.
4. Select desktop and then the folder *asm*
5. Hit *OK* or *Next* and run through the setup till the end.
6. You will get an error at the end, but ignore it and hit *OK*. Should be some registry error.
7. Go to your desktop folder *ASM* and open *asm.exe*.

[Adam Bumpus, 9/06]