Compiling / Testing CICS Programs

1. Enter your program as outlined in class using the editor or whatever else you choose to use, If needed, WinSCP your program to Infinity. Remember to transfer as TEXT (which should be your default). Also remember to save your work with the name you were assigned and the extension .ccp. Both filename and extension must be in lower case.

2. Exit the editor and go to the $ prompt.

3. To compile your program, enter:

```
cicstcl  –aed  xxprgm.ccp
```

where xx is your assigned code (normally your initials).

4. Compiler messages will appear. Compiler messages appear in two stages – you will first see a list of the errors in your EXEC CICS statements. Once all the EC have been corrected, you will then see your actual Cobol errors. Of course, you must clear all errors of both types before you can proceed. If needed, go back to the editor, fix what is necessary, re-save your work, then back to the $ prompt and re-compile.

5. Once you have corrected all syntax errors, it is time to try your program. You do this from the CICS environment, not directly from UNIX. To go to CICS, enter (from the $):

```
cicslterm
```

- You need to press enter once or twice to confirm the CICS region you wish to communicate with (ours is called CICSTX60)

6. The screen will go blank. You are now talking to CICS (and not to UNIX). Note that all CICS commands are in upper case.

7. You must tell CICS that you have compiled your program, to do this enter the command:

```
CEMT I PROG(xx*)
```

Where xx is your initials. A list of your current programs (there will be several) will appear. Press the TAB key go position the cursor in the empty field to the right of the **program** name (not the mapset name) . Type in NEW and press enter. Press F3 and CLEAR to exit this screen.

8. To test your map, enter (IN UPPER CASE):

XX01

You should now be able to test your program. When completed, press the PG-Up key to blank the screen.

9. To exit CICS, type (still UPPER CASE):

CESF

You should go back to the $ prompt.