

Assignment 1 – ASCII Art

Maximum Points = 50

The purpose of this lab is to introduce you to the study of computer programming and algorithms through the Python programming language. In this lab you will write a program that displays a picture using ASCII Art [“ASCII art is a [graphic design](#) technique that uses [computers](#) for presentation and consists of pictures pieced together from the 95 printable (from a total of 128) [characters](#) defined by the [ASCII Standard](#)”¹].

You can find some examples at

http://www.google.com/search?q=ascii+art&hl=en&client=firefox-a&hs=KH9&rls=org.mozilla:en-US:official&prmd=ivns&tbn=isch&tbo=u&source=univ&sa=X&ei=_VhHTuSLN8i_tgetjtXZBQ&ved=0CDwQsAQ&biw=1680&bih=919

You should start with the Hello World program as your template. Be creative and design and code a program that displays a picture of your choice. Your program will use the print function to print each line of the artwork. Your picture must include your name (embedded in the picture) and a title. You are encouraged to use a “steampunk” or historical image.

Make sure that your program uses proper indentation and complete documentation. See <http://csc.columbusstate.edu/summers/NOTES/1301/style.htm> for guidelines.

The program heading should occur at the top of the program and should include:

```
#=====
# PROGRAM SPECIFICATIONS
# NARRATIVE DESCRIPTION:
#
# @author (your name)
# @version (date)
#=====
```

(Due before 8 am on Wednesday, August 22, 2012) Submit your .py file containing your program and your timesheet documenting your time to the dropbox in WebCT.

Grades are determined using the following scale:

- Runs correctly.....:___/10
- Correct output.....:___/10
- Design of output.....:___/8
- Design of logic.....:___/10
- Standards.....:___/7
- Documentation.....:___/5

[Grading Rubric](#) ([Word document](#))

¹ http://en.wikipedia.org/wiki/ASCII_art