Write and submit one Java program, Printing.java, as described on the next page.

The assignments should be submitted on the Math/CS system (from any lab computer or by accessing the computers remotely) using the following command to submit:

/home/cs170005/turnin Printing.java hw1

Late turn-ins will be accepted until **Wednesday, February 11 at 3:59 pm** (you must submit before 4:00 pm) for a 10% penalty. If you are submitting late, use the following command:

/home/cs170005/turnin Printing.java hw1_late

**Style Guidelines:**

- Only one statement or code structure per line. (The class declaration can’t be on the same line as the main method declaration, for example.)
- No lines (including comments) over 80 characters, except for single-website citations.
- Write a block comment after the honor statement describing the program’s purpose.

Breaking these guidelines will result in a grade penalty.

**Honor Code:**

You must abide by the Emory honor code as well as the course-specific honor requirements for assignments when completing this homework. Make sure to include the statement of collaboration and adherence to the honor code (this can be found on the course syllabus at [http://mathcs.emory.edu/~ccgarve/cs170](http://mathcs.emory.edu/~ccgarve/cs170)) acknowledging that you understand and have abided by the honor code. Make sure to cite websites you use, and include your name/email address.
Write a program, Printing.java, that gives information about you and your favorite animal.

Your program should print the following information, tabbed over once and with two newlines after each (see sample):

1. Your name.

2. Your favorite animal, and an interesting, school-appropriate fact about it. (If you don’t have a favorite animal, pick any animal. You can’t use the fact from the sample.)

3. Find a school-appropriate picture of the animal and convert it to a 40-character-width ASCII art using http://www.glassgiant.com/ascii/. Print out this picture in your program (make sure the formatting is correct). Cite both this website and the image URL itself in your sources for this assignment. You’re welcome to instead make the picture or ASCII art yourself, as long as it has width at least 20 and at most 40. If you do so, print a line at the end indicating you made the art.

4. The numeric representation of the first letter of your first name, mod the length of your first name. Give this in a sentence (see sample).

Sample run (note indentation):

Clarissa Garvey

Kiwi birds: Kiwis are indigenous to New Zealand.

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..................8D8ZNN8$7D+,........
...........ZDDN8NNDM8DD8MODNNM.
..........OOGNNMMDZNM8D8880D88N:....
.........ZS$ZDNMMMNND$Z88Z8D0$DD88.
........,+M8MMNMMODNNZ0D7ND80DDOD8."
.........7?ZOMDMMDDDDNZ8Z88$ZDD08DI....
..........I,,+DDDMND888DD88N8Z8DDOD0=.
........,.,,I9Z88N$8NODDN888NZ88N00$.
........,.,.,+$00$ZDDZ8Z8N88O8Z$=.....
........,.,.,,:=+``:.,8Z08+8Z....... 
........,.,.,.,.,.,.,.,.,.$Z$,O$,.........
...............70.I8$.
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The first letter of my name, mod 8, is 3.