CS 180 Homework 1 Aaron Lu

#1 Solution:

An algorithm can be viewed as a systemic/accurate approach to accomplish a specific task or solve a specific problem. It is written in a form of design. A program is a sequence of lines (codes, for example) to run/execute in a machine through syntax and compiler. It is written in a form of implementation.

To speak in a general scheme, algorithm lies between mathematics and computing. Though, a program doesn't solve anything, it can serve as an implementation of algorithms.

#2 Solution:

False. Counter example:

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	w prefers y x y prefers w m prefers w & m prefers y & m prefers w &
	w profes m y profes m w profes m
	All instances are unstable.