CSI 460 — Artificial Intelligence
Assignment #1, Due Tuesday, September 11

Write a 3-4 page paper (double space, 10 pt, 1 inch margins) defining what you believe to be the fundamentals of artificial intelligence. In particular, be sure to define intelligence and artificial intelligence. Work in a resolution to the following questions as well:

- Are reflex actions (moving a hand away from a hot stove) rational and/or intelligent?

- Can something be intelligent without learning? For example, imagine a simple tic-tac-toe program that never loses and sometimes wins. This program knows every move in tic-tac-toe, so it does not have to learn.

- Are brute force algorithms intelligent? For example, instead of computing 33x3, simply add 33+33+33.

- Can an item be intelligent if its underlying parts are not?