Artificial Intelligence: Assignment 1

Due date: September 3 (Tuesday)

Problem 1 (4 points)
Read Chapters 1 and 2 of the textbook and answer the following two questions:

(a) Give your own definition of Artificial Intelligence.

(b) Imagine that the speed and memory of computers became 1000 larger. Which AI problems would become trivial due to this increase, and which would not get any easier?

Problem 2 (6 points)
Implement a program for solving the *n-queen problem* (see page 64 of the textbook). Your program must input a natural number n and output a placement of n queens on the $n \times n$ chess board, in such a way that no queen attacks any other.