For this homework, you will write three brief articles about famous researchers in Artificial Intelligence from the following list. Note: a pair, such as Russell & Whitehead, is treated as a single unit and counts for a single article.

- George Boole - Boolean Logic
- Charles Babbage & Ada Byron - programmable calculating machines
- Bertrand Russell & Alfred Witehead - formal logic
- A. M. Turing – Turing machines, the Turing test
- Claud Shannon - chess as search
- John McCarthy - Lisp
- Marvin Minsky & Seymour Papert - perceptrons
- Marvin Minsky - Society of Mind, Frames
- John R. Searle - Philosopher of AI (chinese room)
- Herbert Simon & Allen Newell - general problem solver
- Herbert Simon - Bounded rationality & satisficing
- Arthur Samuel - checkers
- Joseph Weizenbaum - Eliza
- Roger Schank - natural language understanding (scripts)
- Patrick Winston - ARCH
- Ted Shortliffe - MYCIN
- John Laird & Allen Newell - SOAR
- Doug Lenat - Cyc
- John Holland - Genetic Algorithms
- Richard Sutton and Andrew Barto - Reinforcement Learning

For each article write a (single-spaced, typewritten, 10 – 12 point) brief (one page) article that contains the following information:

1) Some biographical information (birth date, death date, where he/she works, went to school, etc.) about your subject(s).

2) A description of the thing (or things) that the person (or people) did to become famous in the field of AI, and why it is important (historical context).

3) A list of at least two references. Each reference should contain enough information to let someone else actually find and consult your source without any detective work.

Hand in a hard-copy of your responses to the questions by the start of class on Monday, April 11.