

CSCE 580 Spring 2015
QUIZ 1
Assigned Thursday, 15-01-15

The following questions are based on Brian Hayes's "The Manifest Destiny of Artificial Intelligence," *American Scientist*, 100, 4 (July-August 2012), 282–287.

1. In the following passage, replace *fram* and *froom* with either *neat* or *scruffy*.
"The *frams* emphasized the role of deductive logic; the *frooms* embraced other modes of problem-solving, such as analogy, metaphor, and reasoning by example. McCarthy was a fram, Minsky a froom.

Answer: fram is neat, froom is scruffy.

2. Hayes describes three "examples of AI here and now," i.e., three application areas for AI that have been studied since the 1950s or early 1960s. List them:

Answer: Games (or: checkers-playing programs), machine translation, question answering.

3. Hayes notes that shallow methods have shown themselves to be surprisingly effective. True or false?

Answer: True.