FALL 2007
CS 210 Computing and Culture

Assignment 7
Due: October 29, 2007

Computing and Language
(20 points)

7.1. Find a free on-line translator program and have it translate a short passage (100-140 words) taken from a classic book (say, Herman Melville's "Moby Dick") to another language ***and back***. Type a short essay (no more than one page long) summarizing the results of this experiment. (5 points)

7.2. What are Swadesh lists? Suggest at least 15 words to add to the traditional 200-word list. (5 points)

7.3. What are cognates? What is measured by counting cognate pairs? How many cognates can you spot on the Swadesh list for English and Polish? List the pairs. (5 points)

7.4. Can a computer be programmed up to identify cognates automatically? (5 points)

7.5. Provide a list of URLs (Web addresses) where you found the information. Save your work, print it out and submit on the due date.