

CSE 451 Final Exam Part 1
Winter 2012, Due March 14 at the start of class

Name: _____

This is a two part exam. Part 1 is a take-home assignment, to be completed by yourself (i.e., no collaboration), and is due Wednesday March 14 at the start of the final exam. It is worth approximately 20% of the exam. Part 2 will be administered during the normal final exam period, and will be a closed book and closed notes exam.

Part 1:

Choose only one of the following two problems to answer:

- A. The modern general purpose OS would be improved if this one feature was eliminated, modified, or added. Describe this feature and justify your answer.
- B. Suppose you wanted to implement `AllocateVirtualMemory` in Windows. Describe, from beginning to end, the actions taken to implement this function in the operating system.

Circle the problem you are answering and use this page as the coversheet for your exam.

Have your answer be in the form of an essay, printed in Times New Roman 12 point, double spaced, with 1 inch margins, and at most two pages in length.