Quiz 2 was given in class on Monday, February 25, 2013.

1. [2 pts] What is one benefit of the use of a memory hierarchy?

A memory hierarchy, if used properly, allows processes both large address spaces and fast memory access.

2. [3 pts] A simple address space is traditionally described by two values. What are these called, and what does each represent?

The two values are base and limit (often “base register” and “limit register”).

Base is the physical address of the beginning of a process's address space. Limit is the size of that address space.