CS 32, Spring 2013
Hw1: 50 total points

Print this form, staple loose pages together, and write your answers on it.

Accepted: on paper, at the start of your lab section on Wednesday, April 17.
Place on the front desk as you walk in, before getting seated.
No email submission allowed.

Name (1 pt): _____

Umail (1 pt): _____@umail.ucsb.edu

Lab Section (1 pt) Circle one: 1:00   2:00   3:00

Consult the readings and lecture notes as necessary. Provide brief answers to
each of the following questions in your own words:

   1. (5 pts.) What is a register in a CPU?

   2. (5 pts.) What is the system bus?

   3. (5 pts.) What is a hardware interrupt?

   4. (7 pts.) How does a C++ file become a process?

5. (5 pts.) What are three jobs of an operating system?

6. (5 pts.) What is a context switch?

7. (5 pts.) What is a system call?

8. (5 pts.) What is virtual memory?

9. (5 pts.) What are the columns displayed in the "ls -l" command?

End of Hw1