

4. (1 pt) How did the invention of integrated circuits and microprocessors revolutionize the field of computing? Hint: Think of the size of older computers.

5. (3 pts) Based on your reading of Chapter 1 of *Blown To Bits*, answer the following questions. For each answer cite the numbers of the pages that include the information on which your answer is based.
 - a. Once digital data about you is stored by a third party, can you be sure that it could be completely expunged upon your request? Why or why not?

 - b. Explain what it means for something to grow exponentially and why it is important as a measure of rate of change. Give an example from the book about a type of exponential growth that had great impact on computing. (HINT: Think what happened to the speed of processors since the 60s.)

 - c. Suppose you have created a work of art that is stored digitally, that is, using bits. What makes possessing those bits different from possessing other types of property such as a painting that you hang on your wall?

6. (1 pt) This question concerns the course syllabus and organization course web page.
 - a. Can you turn in an assignment after its due date? What grade would you get in that case?

 - b. Write the dates for the 2 written exams and the 2 lab exams.