

Tutorial 1

1. Explain how the universal use of the Web has changed software systems. Also, Explain why there are fundamental ideas of software engineering that apply to all types of software systems.
2. Software is the differentiating characteristic in many computer-based products and systems. Provide examples of two or three products and at least one system in which software, not hardware, is the differentiating element..
3. Explain why professional software is not just the programs that are developed for a customer.
4. The 1988 Internet Worm - Write detailed description of the given case (2/3 Pages). The case study should have detailed analysis which shows how worms can propagate by taking advantage of security vulnerabilities and how programming languages failed to cause such vulnerabilities.
5. Differentiate between a) Software Engineering and Computer Science 2) Software Engineering and System Engineering
6. "It is important to spend sufficient time for the Requirement Analysis and Specification phase of software development". Do you agree with this statement? Justify your answer.