CSCI423/501 Writing Assignment 1

Problem 1: Computer system can be divided into four components. What are they?

Problem 2: Describe the differences between symmetric and asymmetric multi-processing. What are three advantages of multiprocessor systems?

Problem 3: What are the two models of interprocess communication? What are the strengths and weaknesses of the two approaches?

Problem 4: What is the main advantage of the microkernel approach to system design? How do user programs and system services communicate in a microkernel architecture? What are the disadvantages of using the microkernel approach?