

**Component Level Programming
Exam #2**

Take Home

1. Suppose you wanted to implement a new component system on a new computer, new operating system, and new language. List and discuss the issues you must deal with. No more than two pages, please.
2. Why are events more difficult to implement than properties or methods.
3. Discuss the difference between a Model-type component (such as tic-tac-toe), and an User-Interface Widget Component (such as a button). -- Basically, just tell me what each one of them is.
4. Discuss the difference between an Accessor component (recall the accessor features we added to the queue.) and a cache-type component (such as the queue without the accessor functions.) -- Basically, just tell me what each one of them is.