

CS 3100  
Homework Assignment #1  
Introduction to Operating Systems

Please make your answers to the following questions brief but complete (e.g., one or two sentences or a paragraph where appropriate).

1. Some contemporary graphics and sound cards perform computations surpassing the mainframes of the past. Are these cards computers? Do they need or do they have operating systems. Briefly (a paragraph) justify your answer.
2. The instruction to switch a processor from privileged to user mode is privileged. How is the processor switched from user to privileged mode?

From the text:

1.1  
1.10  
1.11  
1.15