CSE 312 Midlerm

Belle Belgin 171044065

Thoseby pledge that I will strictly adhere to academic integrity codes and the work done on this examination is solely my own and I will not receively live only help from Ito anybody or source during this examination.

a) Despite second generally computers have many adventages it comes with a speed tradeoff. While first generation computers use all the resources they have to complete computations (Botch systems), the second generation systems which are time-staring systems became slower and more expositive compared to first generals since they share the hardware between users,

b) Operation System calls are function calls. Since they destit interrupt the program flow of operating system unexpectedly or because of a failure we can call them neither interrupts nor traps. They are just function calls provided by operating systems.

c) when thread-yield() called, it notifies thread scheduler that it is ready to be suspended by scheduler. Scheduler can ignore it or give the resources used by the old thread to a new waiting one if any exists by checking if there is any threads waiting it there are multiple of them, which one has higher priority, then runs it.