Week 5 Activity 5

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4/10/2014

**How often should relocation be performed? Explain.**

Relocation process must be performed before running the program*.* This process is typically done by the linker during compilation (at compile time), although it can be done at runtime by a relocating loader. Compilers or assemblers typically generate the executable with zero as the lower-most, starting address. Before the execution of object code, these addresses should be adjusted so that they denote the correct runtime addresses.

or in other words due to the fragmentation, whenever there is a large amounts of unusable memory. Relocation problems stem from the draining resources and slows down the computer much like much like setting the time quanta down too small using Round Robin. doing it too often will also cause problems as memory may not be freed when it is needed.