

I hereby 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 give/receive any help from/to anybody or source during this examination.

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- a) Since low level format's purpose is to initialize disk it takes time to initialize the entire disk, creating sectors etc. Other format's are made on top of low level formatted disks which are formatted by manufacturer already, generally.
- b) Even without the help of hardware, it is possible to virtualize even virtualization on PCs.

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- c). It runs process scheduler algorithm to select which process will be run next.
- In process table currently running process marked as ready, its registers, program counter, pws is stored inside virtual memory segment of that process.
 - Selected processes registers, program counter etc. loaded from memory into CPU.
 - Selected process marked as Running in process table.
 - New process runs.

(In virtual memory part for reading/storing data from/to memory TLB is checked, if it does not contain requested page, page table checked and it also does not have requested page other processes pages checked for shared page, if they also doesn't have that page fault occurs, page is loaded from disk to memory.)