

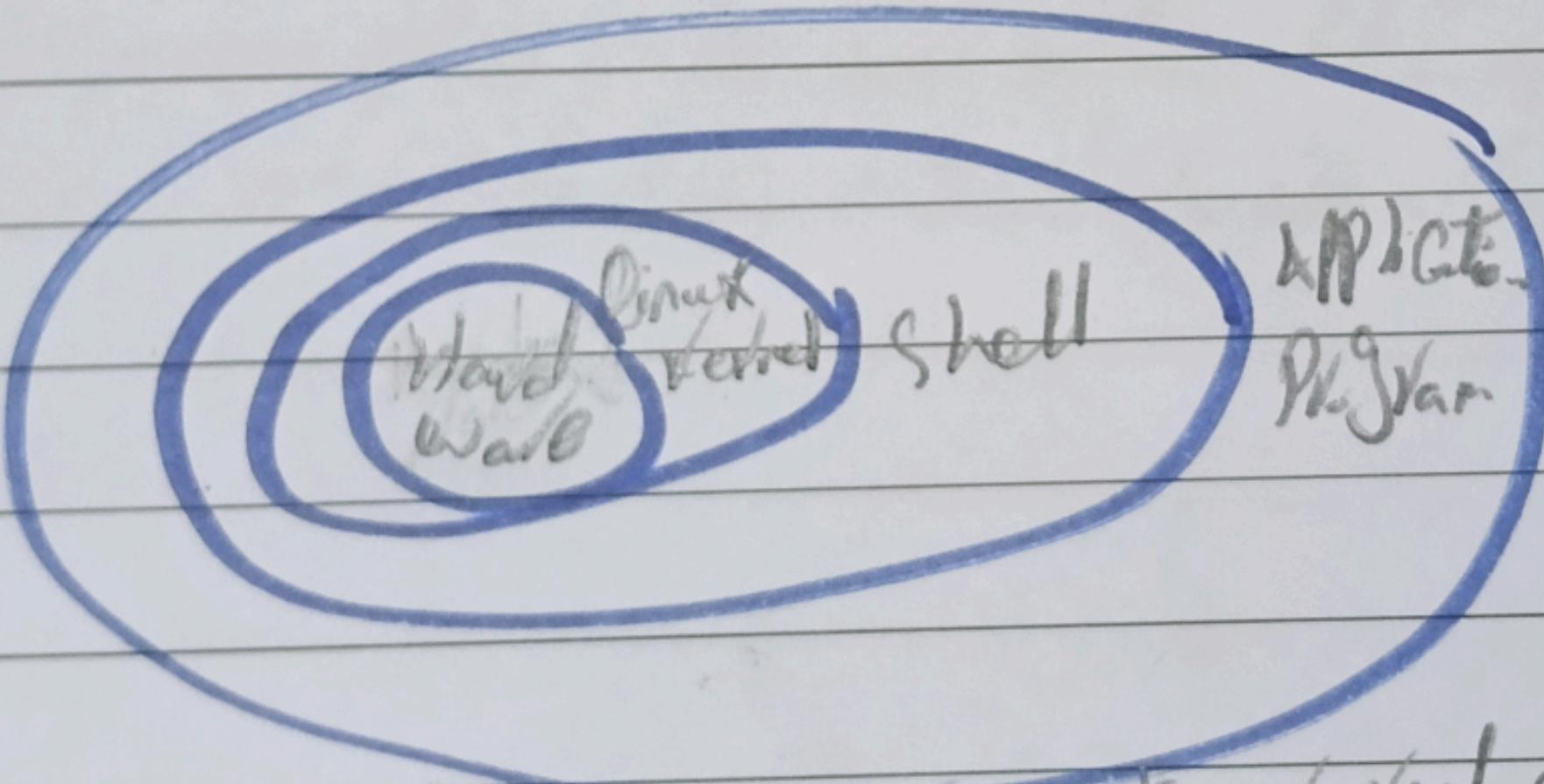
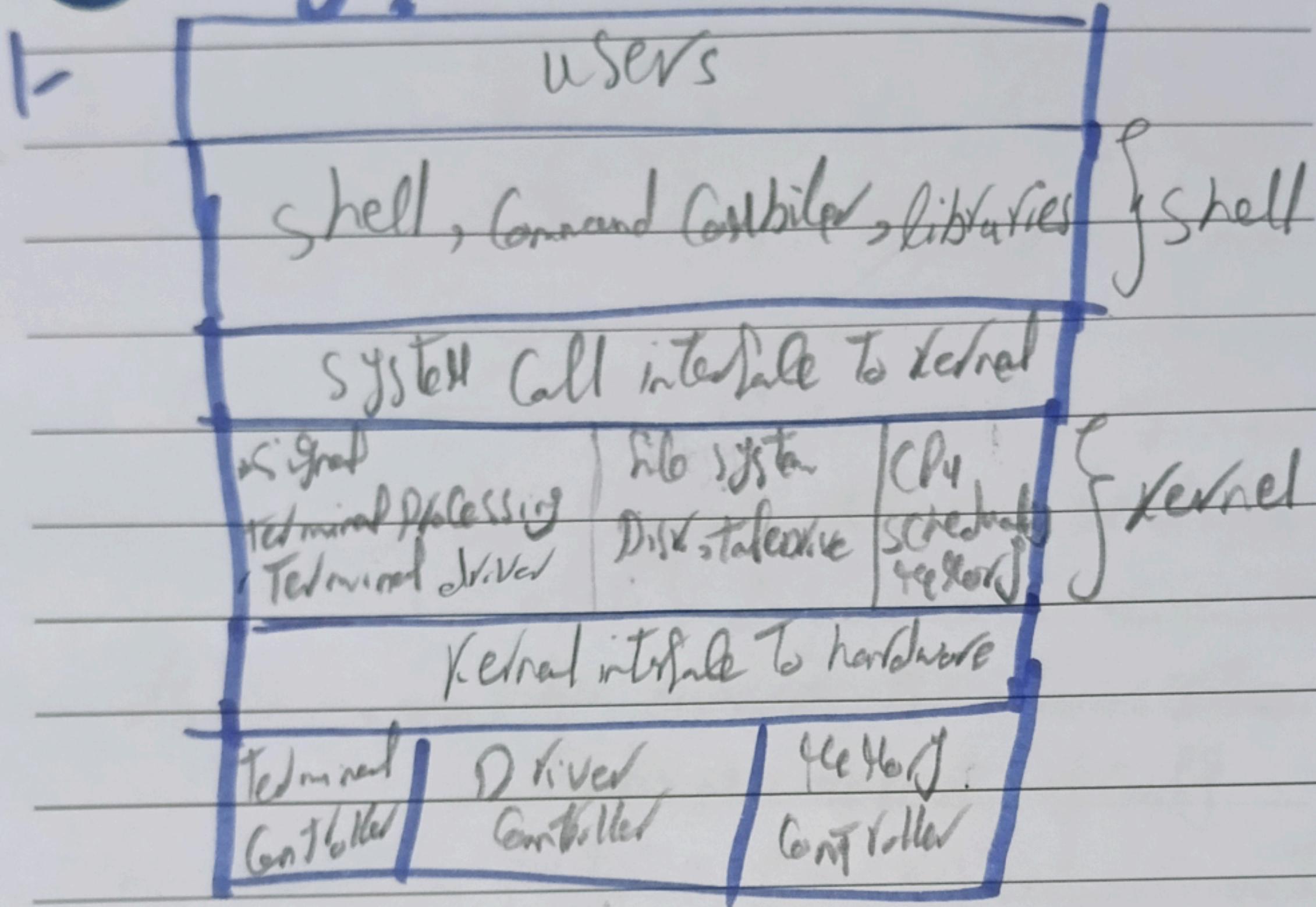
Date

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subject

## PoJ! Task 2

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\* SYSTEM CALLS → between the Kernel and user space as an entry point into the Kernel.

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2- / → Root directory, starting point  
of the file system hierarchy

/bin → Essential user binaries as

ls, cp, cat, required for basic  
operations.

/sbin → System binaries for administrative  
tasks as: reboot, ifconfig

/usr → User Programs, Libraries, and documentation

/etc → System wide Configuration files as: Password

/var → Variable files that change often (logs, mail)

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3- Everything is a file  $\rightarrow$  Linux treats devices, directories, sockets, and hardware as files because it provides a simple, unified interface for I/O.

- \* Program  $\rightarrow$  set of instructions stored on disk
- \* Process  $\rightarrow$  program loaded into memory and actively running with its own PID.

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