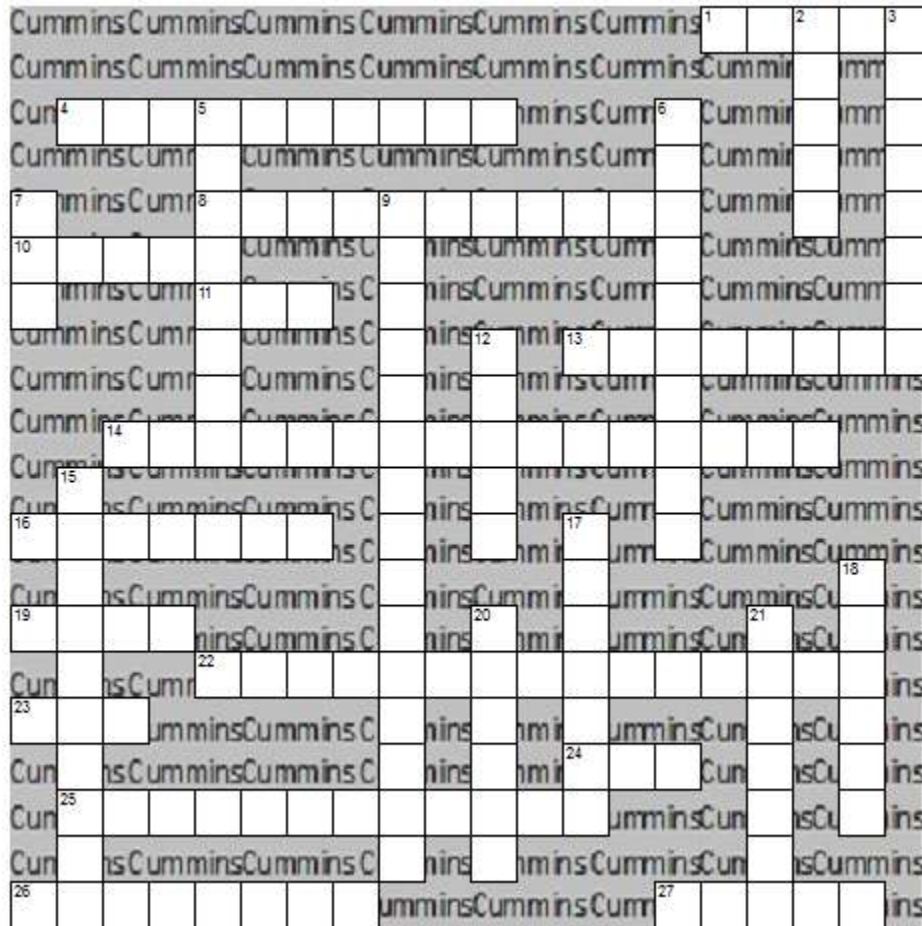


Innovations in Teaching and Learning

System Programming and Operating System : Syllabus Unit IV and Unit V



Across

1. file attributes can be changed using linux command
4. A process that can be stopped in middle of execution is process
8. CPU time divided for multiple process execution
10.sits between main memory and CPU registers
11. is volatile memory
13. Secondary memory device
14. multiple programs in memory for execution
16. Allocate the smallest hole that is big enough in dynamic memory allocation algo
19. Linux command to generate child process
22. only one process at a time can use a resource while other waits for resource
23. linux command to identify number of process
24. Algorithm which executes in ascending order of burst time
25. cooperating processes need communication
26. Allocated memory may be slightly larger than requested memory and leads to fragments
27. Kernels are threaded

Down

2.single task operating system
3. A set of blocked processes each holding a resource and waiting to acquire a resource held by another process in the set
5. Total memory space exists to satisfy a request, but it is not contiguous is fragment
6. physical memory is divided in to
7. information related to a process is stored in
9. Dining Philosopher problem is classical problem of
12. Thread isweight process
15.file management system call/operation
17. Program in execution is called
18. Algorithm to avoid deadlock
20. core OS is called....
21. Address generated by CPU