**Group 16’s MPX project cheat sheet**

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1. **Get current date:** getdate
2. **Set new date:** setdate [year] [month] [day]
   * each of [year] [month] [day] are made up of two numbers only.
   * [year] must be between 0-30, [month] must be between 1-12, and [day] must be between 1-31.
3. **Get current MPX version:** version
4. **Show a list of commands to use inside MPX:** help
5. **Get current time:** gettime
6. **Set new time:** settime [hour] [minute] [second]
   * each of [hour] [minute] [second] are made up of two numbers only.
   * [hour] must be between 0-23, [minute] and [second] must be between 0-59.
7. **To shut down the system:** shutdown
   * When asked for confirmation, inputting ‘y’ will confirm the shutdown request, and ‘n’ will cancel the request. All other inputs are ignored.
8. **To clear the screen:** clear
9. **To suspend a process:** pcb suspend [process name]
10. **To unsuspend a process:** pcb resume [process name]
11. **To adjust a process’ priority:** pcb priority [process name] [new priority]
    * [new priority] must be a value between 0-9
12. **To show information on a process:** pcb show [process name]
13. **To show ready processes queue:** pcb show ready
14. **To show blocked processes queue:** pcb show blocked
15. **To show all processes:** pcb show all
16. **To delete a process:** pcb delete [process name]
17. **To block a process:** pcb block [process name]
18. **To unblock a process:** pcb unblock [process name]
19. **To load test processes:** loadr3
20. **To create an alarm:** alarm [message] [delay]
    * [delay] is the amount of time (in seconds) to wait from time the alarm was made to print the message.
21. **To check if heap is empty:** heap check
22. **To view list of free memory blocks:** heap show free
23. **To view list of allocated memory blocks:** heap show allocated
24. **To print the MPX logo again:** logo