Inspect the shell program [15 pts]

1. **ps**
   a. The shell command "ps" displays information about processes currently in the process table. It does so by looping over the processes in *proctab* and printing the attributes of the process using *printf*.
   b. The shell command "ps" makes no direct system calls.

2. **kill**
   a. The shell command "kill" terminates a process that is specified by the process ID passed as an argument.
   b. The shell command "kill" makes a system call to *kill*.

3. **memdump**
   a. The shell command "memdump" displays a region of memory when given a starting address in memory and a length (in bytes) to display.
   b. The shell command "memdump" makes no direct system calls.

4. **cat**
   a. The shell command "cat" dumps the content of files (or, input from stdin) to stdout.
   b. The shell command "cat" makes the following system calls: *open, close, getc, putc*