Name:

Name:

1. We briefly discussed the top command and a related command ps. Here is the output of ps:

electrodata\_[1]: ps -ef | grep -E "picone|UID"

UID PID PPID C STIME TTY TIME CMD

root 19000 47069 0 23:46 ? 00:00:00 sshd: picone [priv]

picone 19188 19000 0 23:46 ? 00:00:00 sshd: picone@pts/6

picone 19189 19188 0 23:46 pts/6 00:00:00 -bash

picone 19261 19189 0 23:48 pts/6 00:00:00 ps -ef

picone 19262 19189 0 23:48 pts/6 00:00:00 grep -E picone|UID

Describe the output that you see (e.g., what each column means). Explain the relationship between the various entries that are shown for “picone”. For example, how did I log into electrodata? How would you kill my login shell and all its descendants? What information in this output supports your answer?