76. Modify the password database program described in class (password2.c) so that it used MD5 hashes, rather than DES.

77. Continuing, also modify the program so to prevent the memory locations containing the plaintext passwords from being swapped to disk. [Hint: consider the mlock family of functions].

78. Continuing, also modify the program so that an arbitrary user can run the program, but the user does not have sufficient privileges to view the password database.