Procedures to run the demo program of AES file encryption/decryption algorithm

Procedure

1. Download **aes_demo.tar** file from the webpage http://web.syr.edu/~rwang01/cse785/aes_demo.tar
2. ***tar –xvf aes_demo.tar***
3. Copy **rijndael-alg-fst.h, rijndael-api-fst.h and md5.h** into **smx/include** directory.
4. Copy the files **rijndael-alg-fst.c, rijndael-api-fst.c, rijndael-test-fst.c, md5.c** into **smx/lib/ansi**
5. Modify the **Makefile** in **smx/lib/ansi** directory to accommodate the addition of the four files
6. In **smx/lib/ansi** directory, run **make**
7. Perform a "**make all**" in **src/lib** directory. Now the AES algorithm functions have been added to your library and can be called by an application program.
8. Copy **demo.c to src/commands/simple/** directory and **modify the Makefile** of this directory so that this .C file can be compiled.
9. In **src/commands** directory, run **make**
10. Start smx, log in, run

    ! sunread ../commands/simple/bin/demo > /usr/bin/demo
    ! chmod +x /usr/bin/demo

11. Create a new text file and call it as "test.txt", now run **demo**
12. We are done here!