Austin Brummett
CS475: Project 1 Test Plan

<u>sfrm:</u>

No Inputs
$ sfrm
Safe Remove moves files to /home/austin/.trash directory
sfrm
sfrm [filename]...[filename]

Single File
$ sfrm [filename]
$ sfrm test.txt
test.txt is a file

Multiple Files
$ sfrm [filename]…[filename]
$ sfrm test_0.txt test_1.txt … test_n.txt
test_0.txt is a file
.
.
.
test_n.txt is a file

If filename already exists
$ ls $HOME/.trash/
test.txt test_1.txt
$ sfrm test.txt
Cannot move test.txt; test.txt already exists in /home/user/.trash
New name to store under: test_1.txt
New name to store under: test_2.txt

If directory input
$ sfrm $HOME/Documents
/home/user/Documents is not a file

If $HOME/.trash/ does not exists
$ sfrm test.txt
/home/user/.trash/ does not exist, now creating
/home/user/.trash created

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<u>unsfrm:</u>

No Inputs
$ unsfrm
This function moves files from /home/austin/.trash/
unsfrm [filename]
unsfrm [filename] [directory]
unsfrm [filename] [filename]
unsfrm [filename] [filename] [directory]
unsfrm [filename]....[filename] [optional directory]

One Input
$ unsfrm [filename]
$ unsfrm test.txt

One File, One Directory
$ unsfrm [filename] [directory]
$ unsfrm test.txt $HOME/TestDirectory/

Two Files, No Directory
$ unsfrm [filename] [filename]
$ unsfrm test_0.txt test_1.txt

Two or More Files, A Directory
$ unsfrm [filename] [filename] [directory]
$ unsfrm test_0.txt test_1.txt $HOME/TestDirectory/

Optional Directory
$ unsfrm [filename]....[filename] [optional directory]
$ unsfrm test_0.txt …. test_n.txt
        or
$ unsfrm test_0.txt …. test_n.txt $HOME/TestDirectory/

Overwriting Files
$ ls $HOME/TestDirectory/
test_1.txt test_2.txt
$ sfrm test_1.txt test_3.txt $HOME/TestDirectory/
mv: overwrite '/home/user/TestDirectory/test_1.txt?: y
 *note anything other than y, Y, or yes will skip that file

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<u>emptytrash:</u>

No Input, /.trash has files
$ emptytrash
Complete!

No Input, ./trash is empty
$ emptytrash
/home/user/.trash is empty!