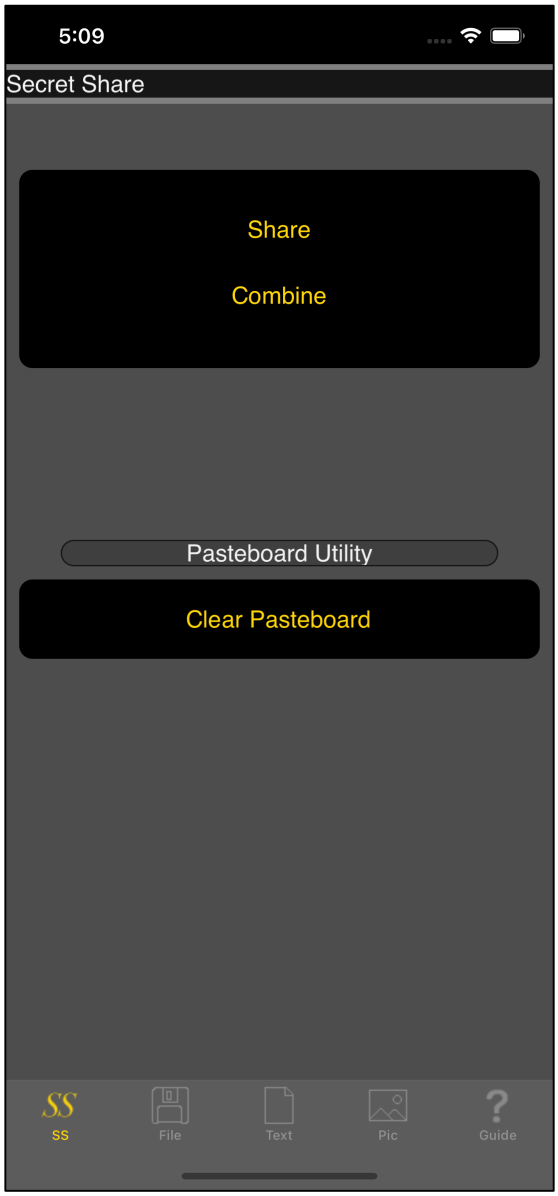
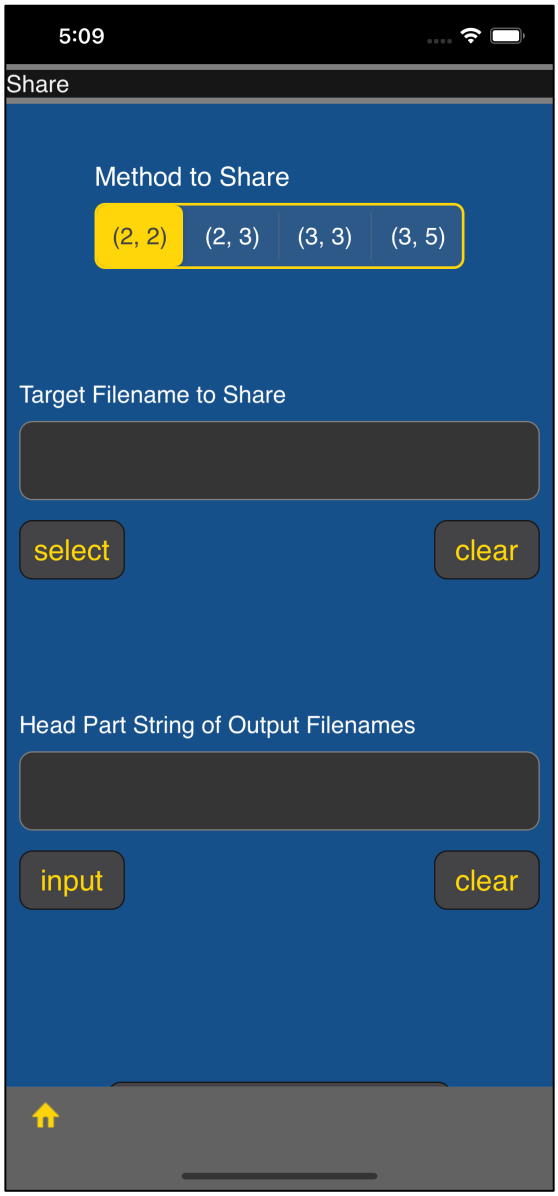
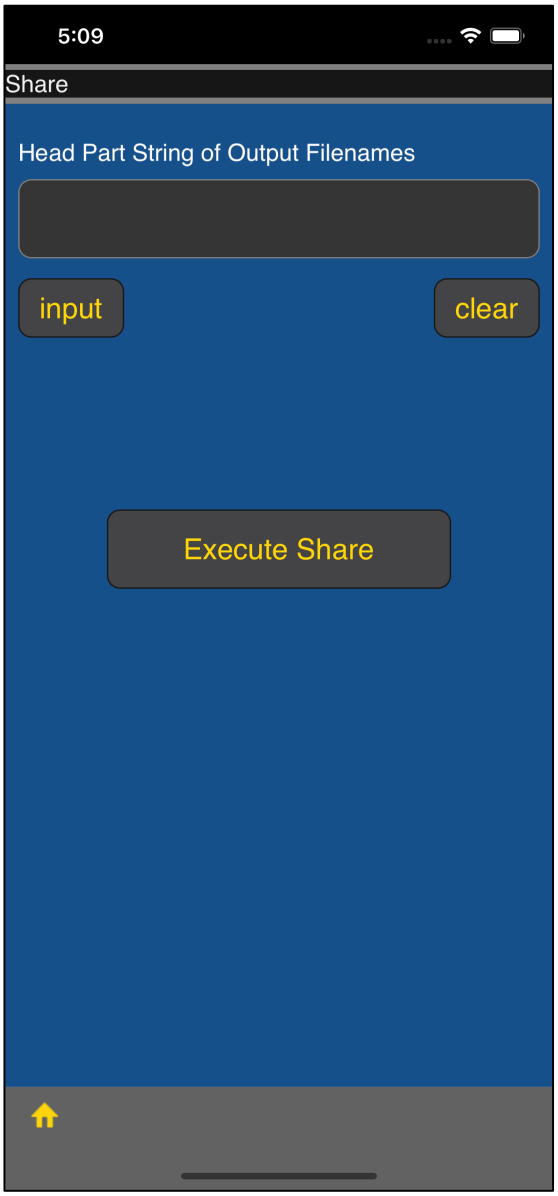
Secret sharing - share

This command does "share" of secret sharing.



When you press the main “Share” button, you will see the following view.





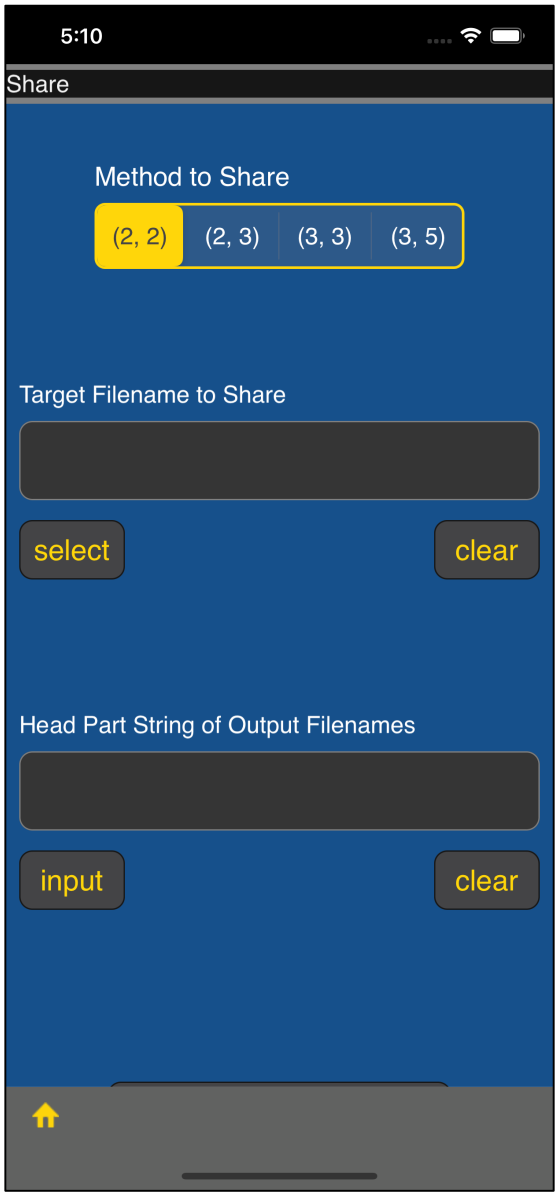
The user interface looks like this.

share method

target file name of share (share source)

Character string that becomes the head of the share piece output file name

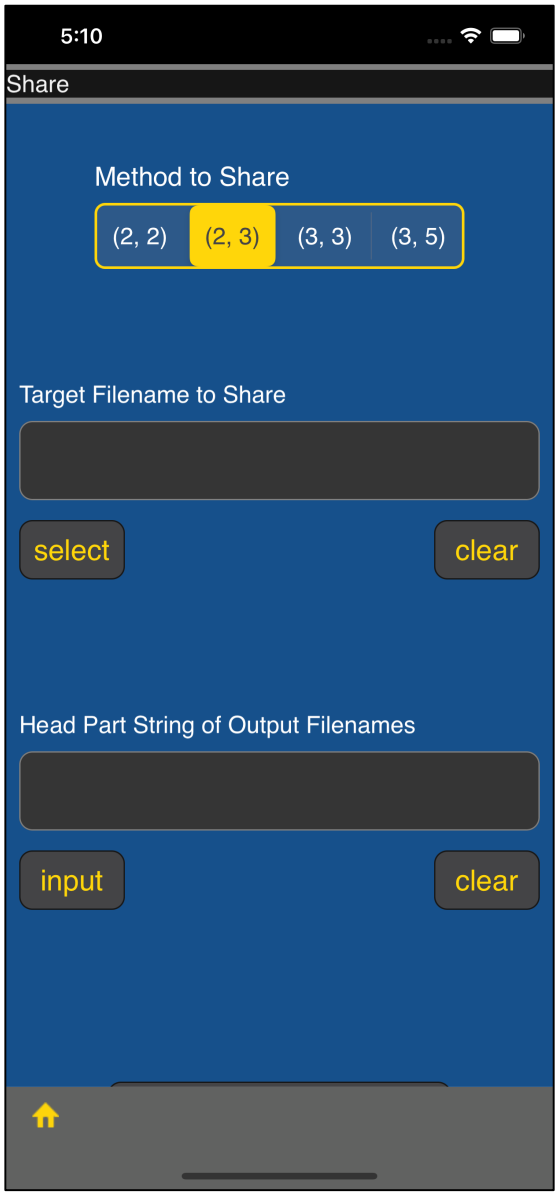
This is the meaning.

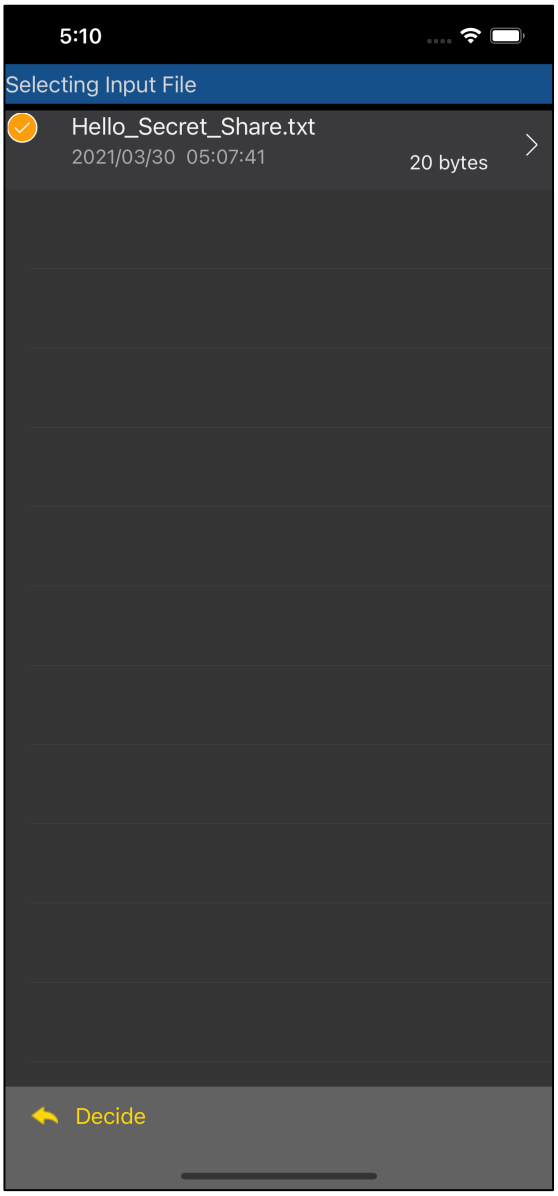


The share method is selected by the top segmented control.

- (2, 2) 2 share 2 combine
- (2, 3) 3 share 2 combine
- (3, 3) 3 share 3 combine
- (3, 5) 5 share 3 combine

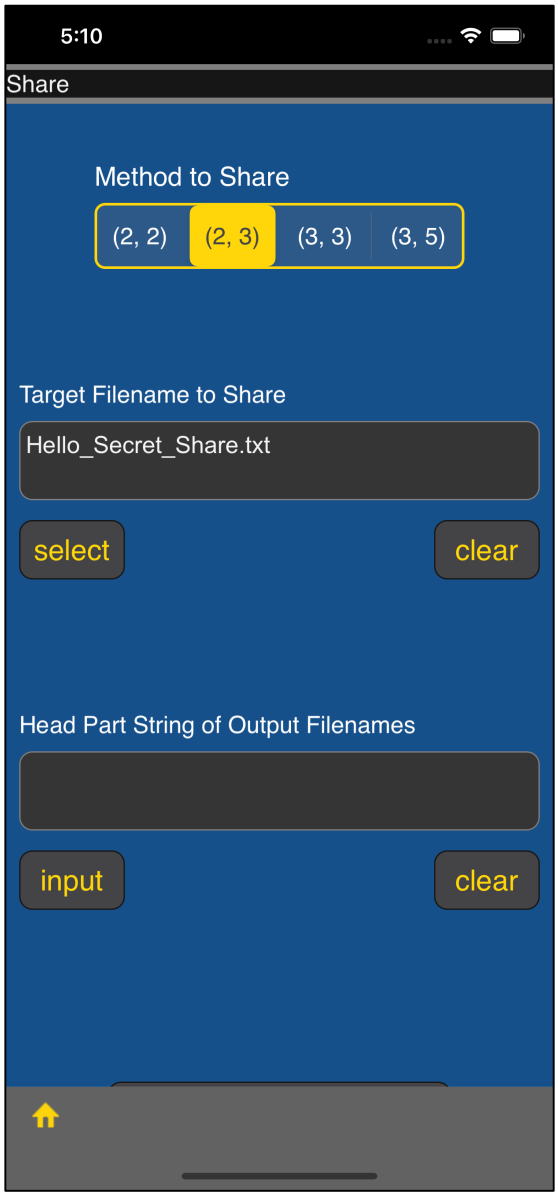
This is what it means.



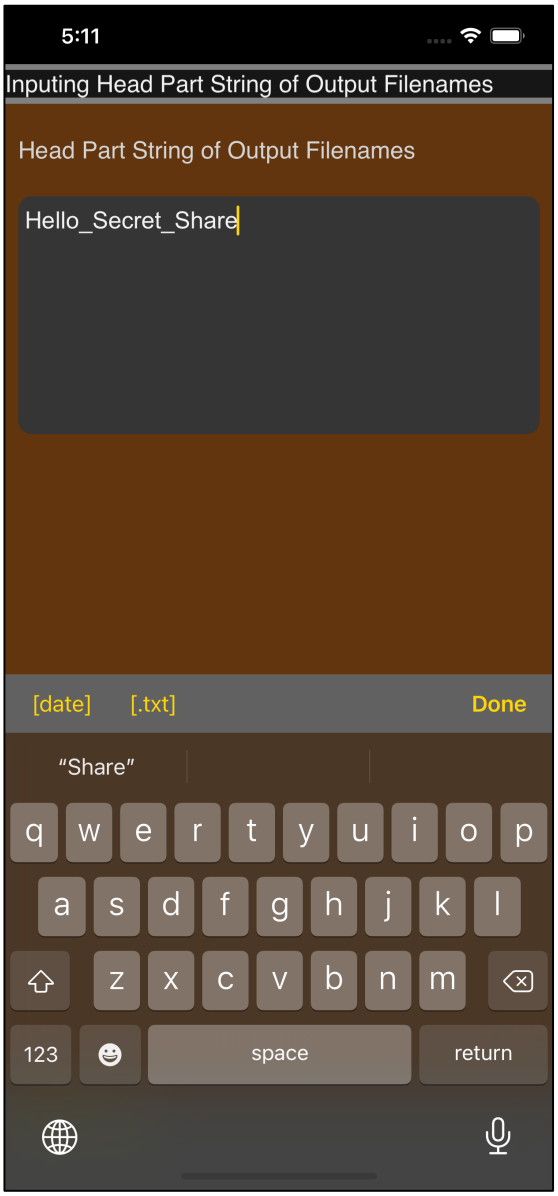


When you press the “select” button, you will see a table view like the one on the left.

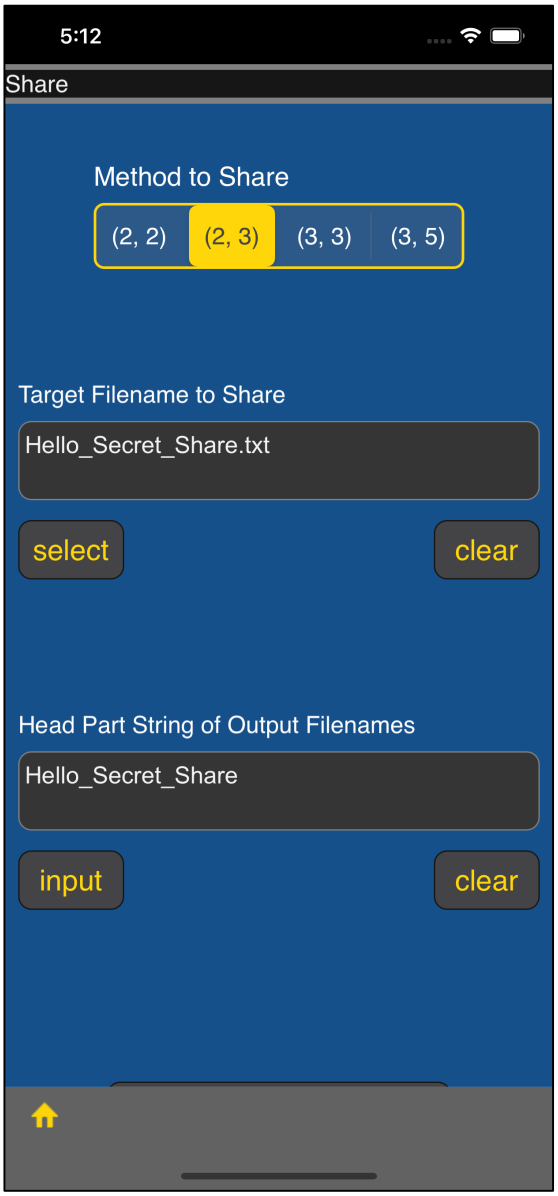
Select it and press the “Decide” button on the toolbar to return as shown on the right.



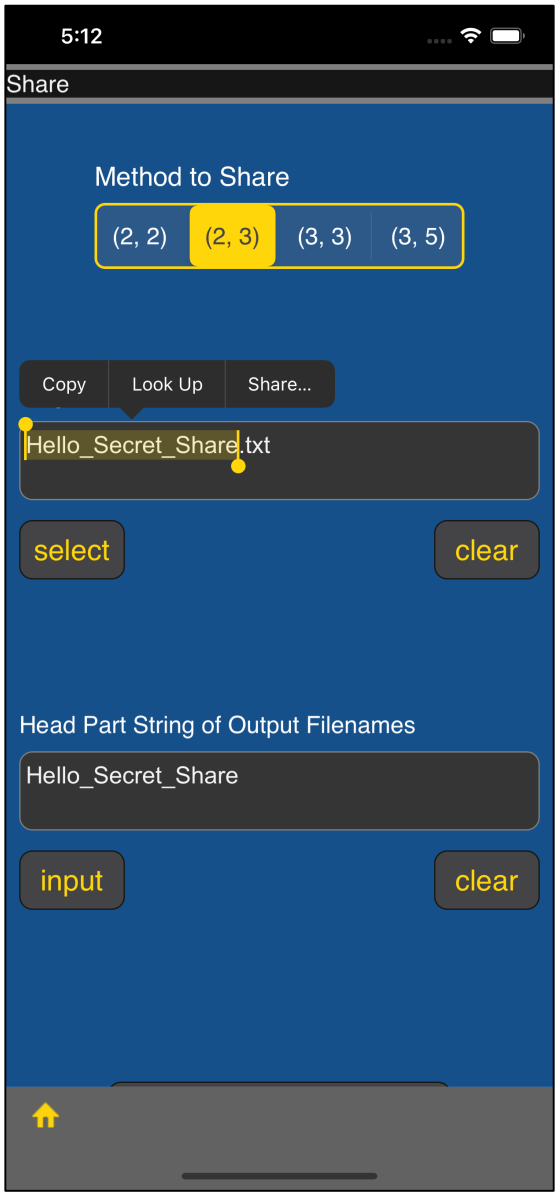
When it comes back, it will like this.

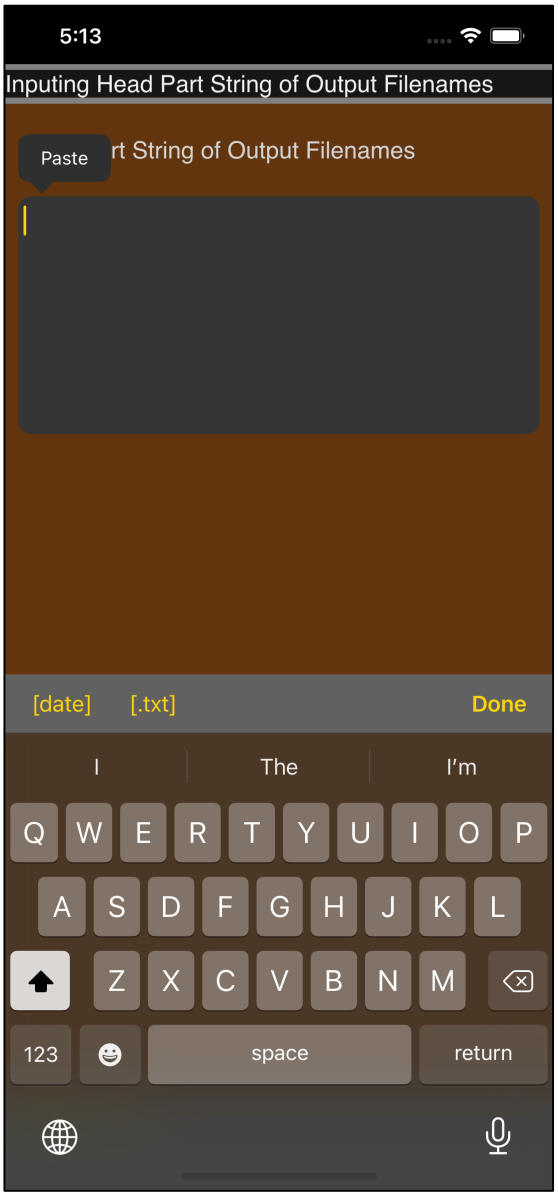


If you press the "input" button directly under the TextView labeled "Head Part String of Output Filenames",
you will be presented with a string input view where you can enter the head of the file that outputs the share pieces.

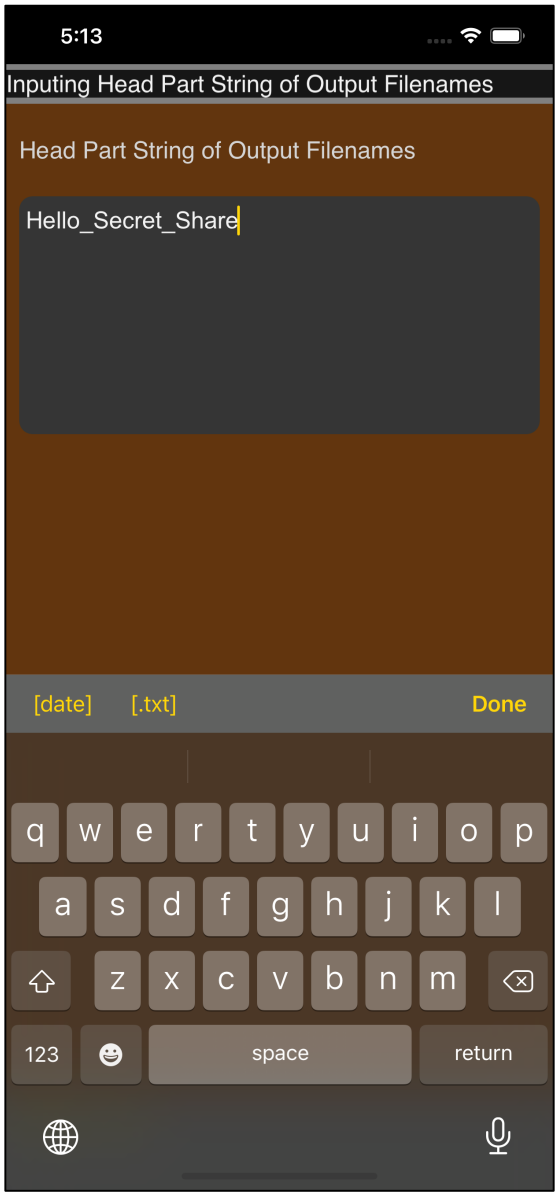


In this way, if you enter the text that is the head of the output file name and press the “Decide” button on the toolbar, it will return as shown on the right.

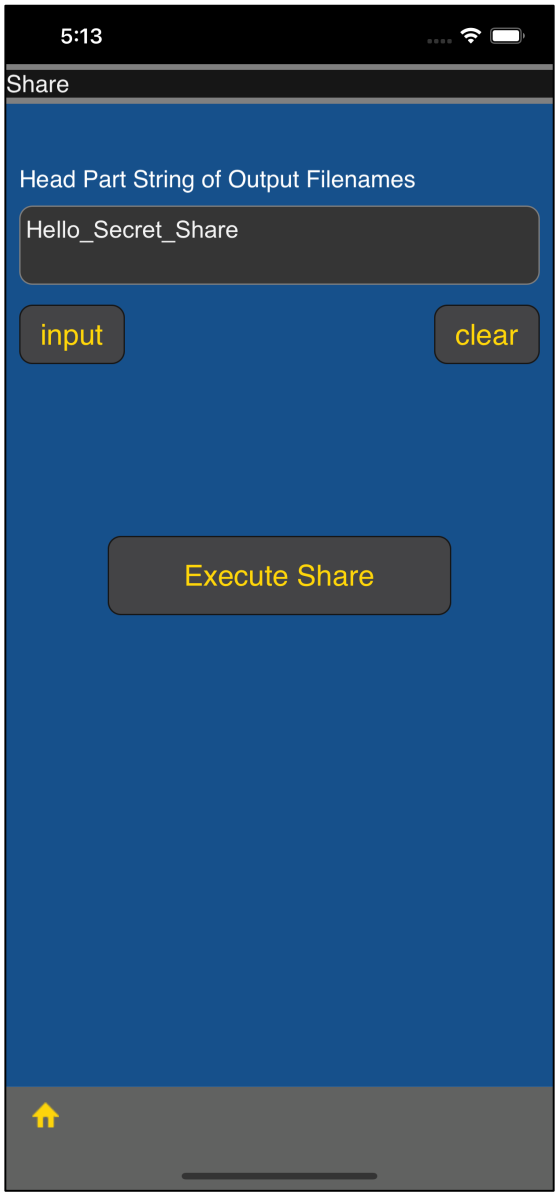




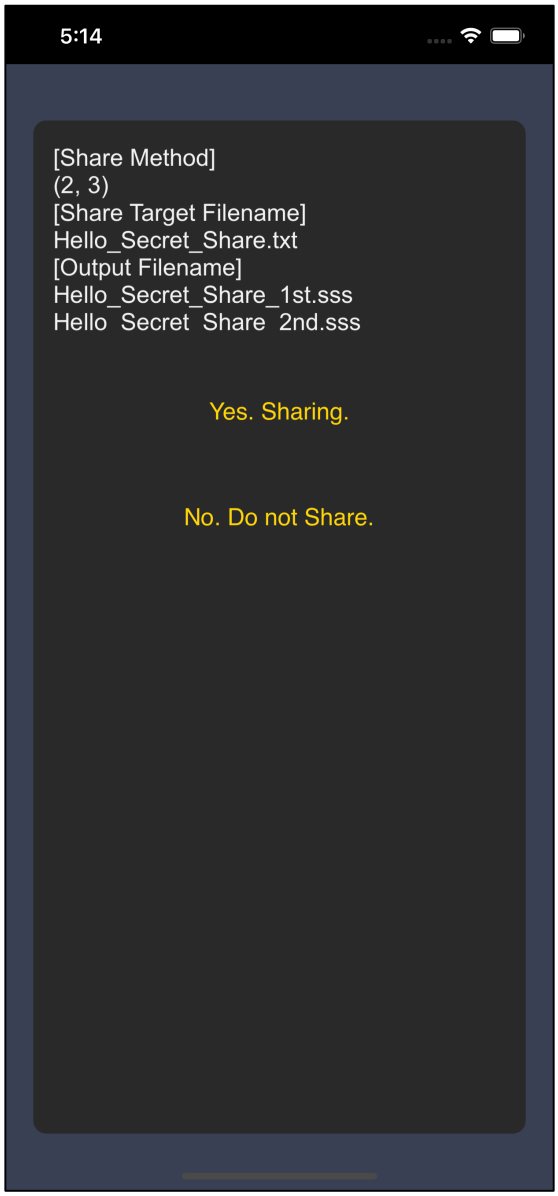
In this way, you can copy and paste this head string input.

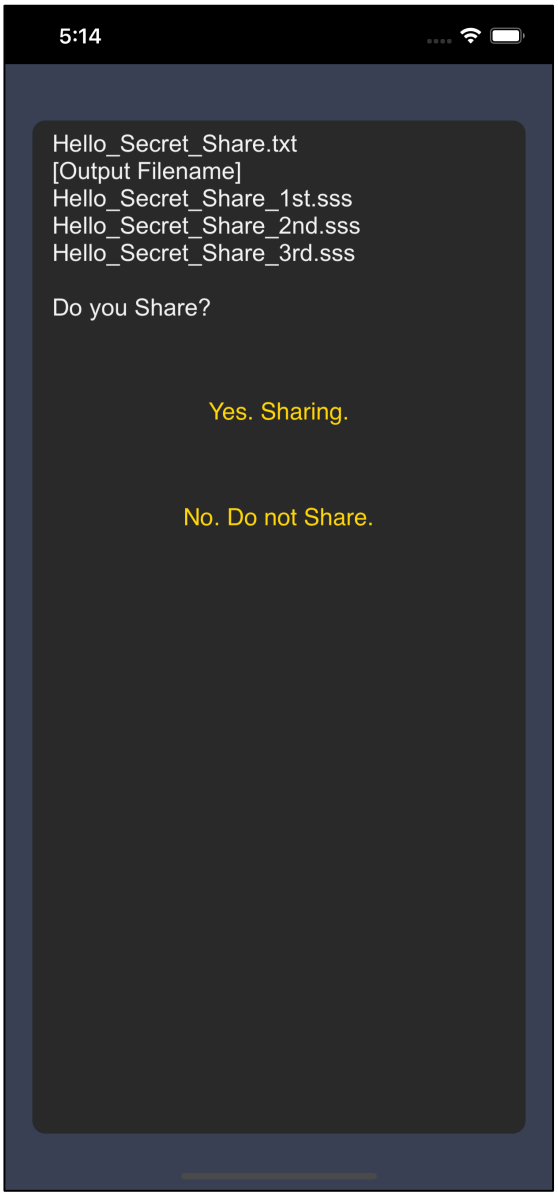


When you actually paste it, it looks like this.



Scroll down and press the “Excute Share” button to activate the share command.

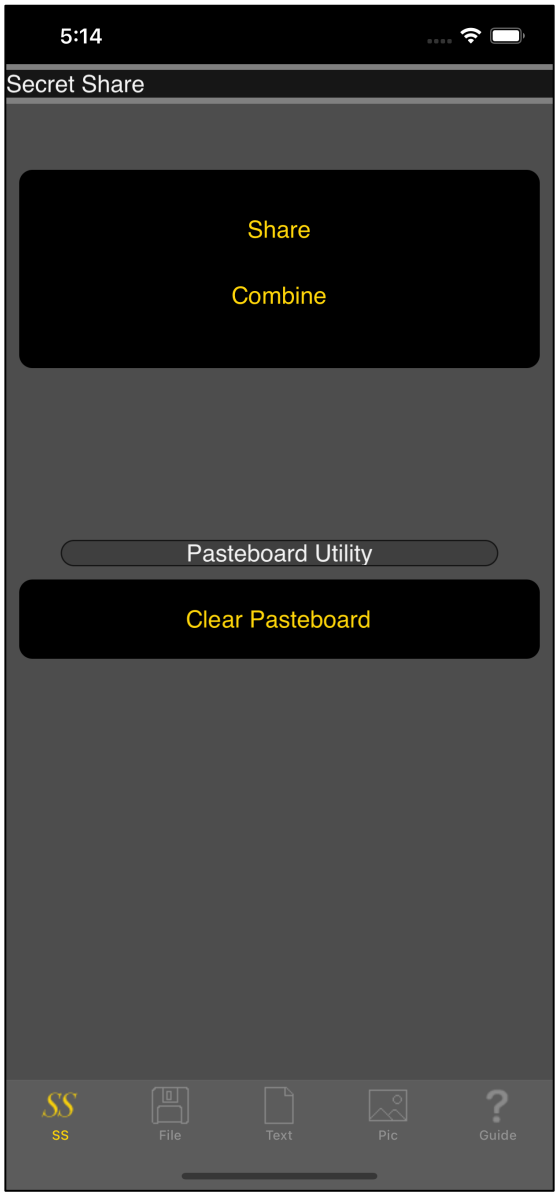




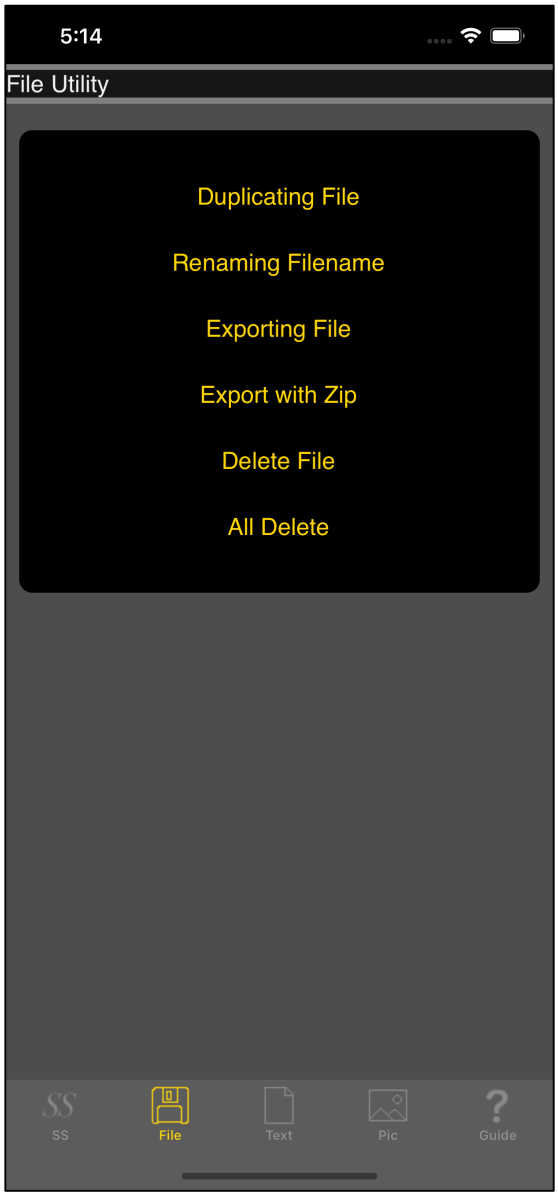
Just before execution, you will see a view of such final confirmation.

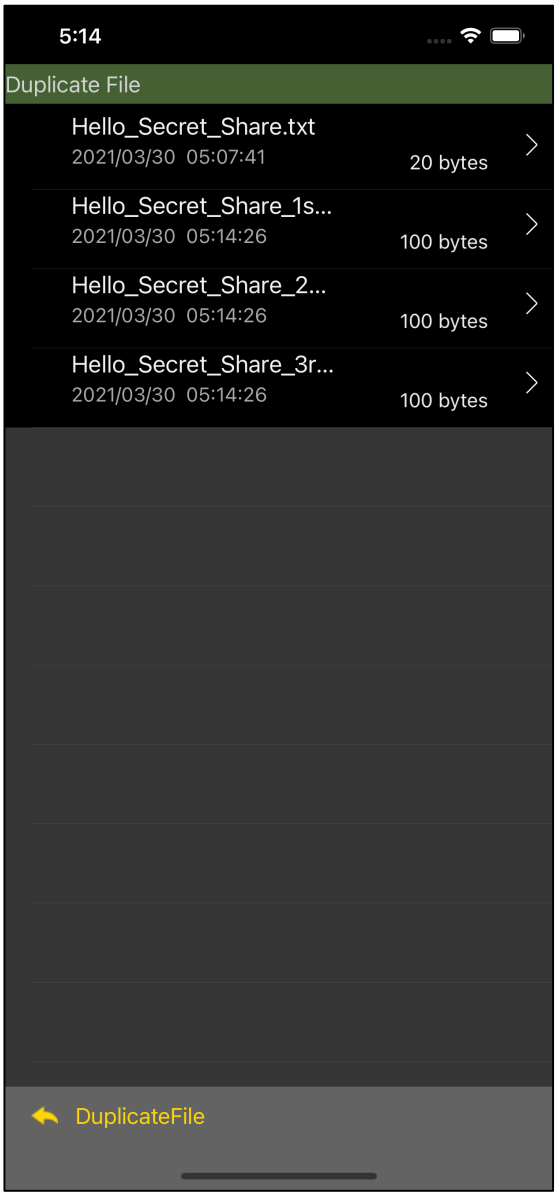
The figure on the right is just a scrolling word.

Here, if you press the “Yes” button, the share command will work truly.

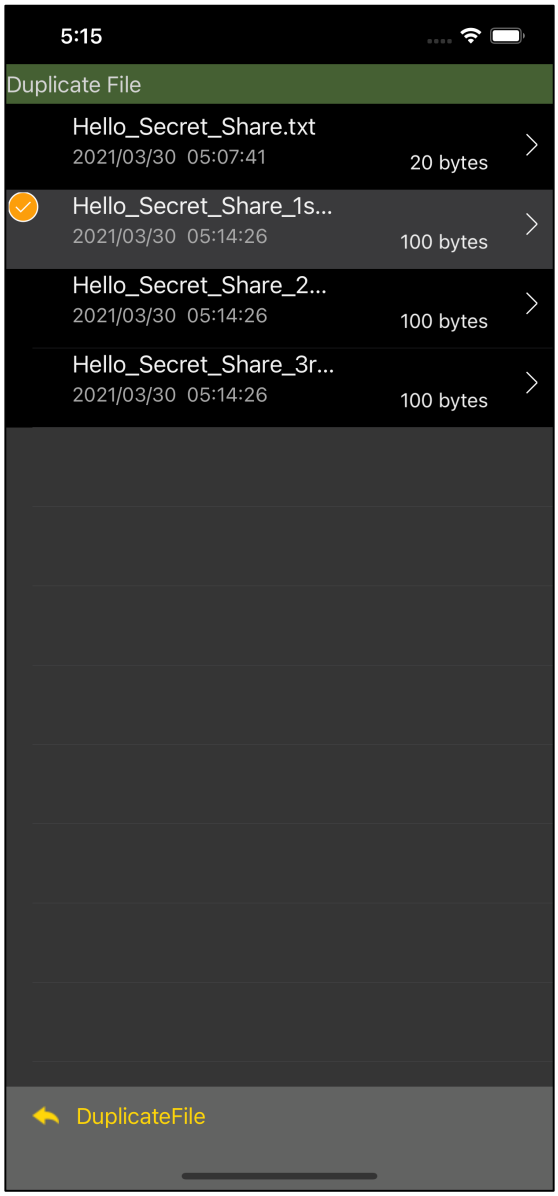


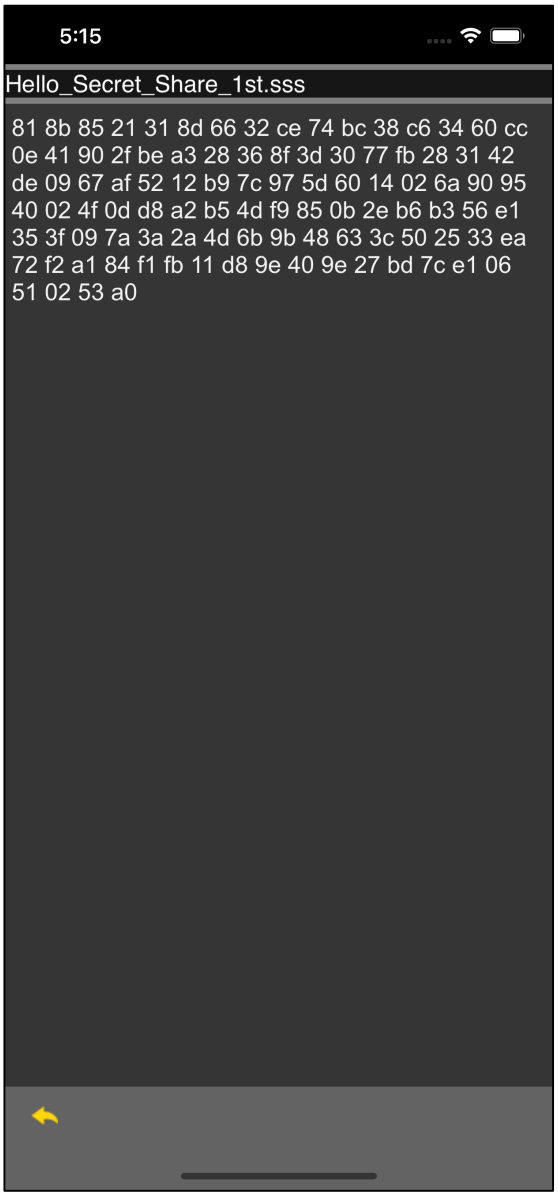
After execution, it will be back here again.

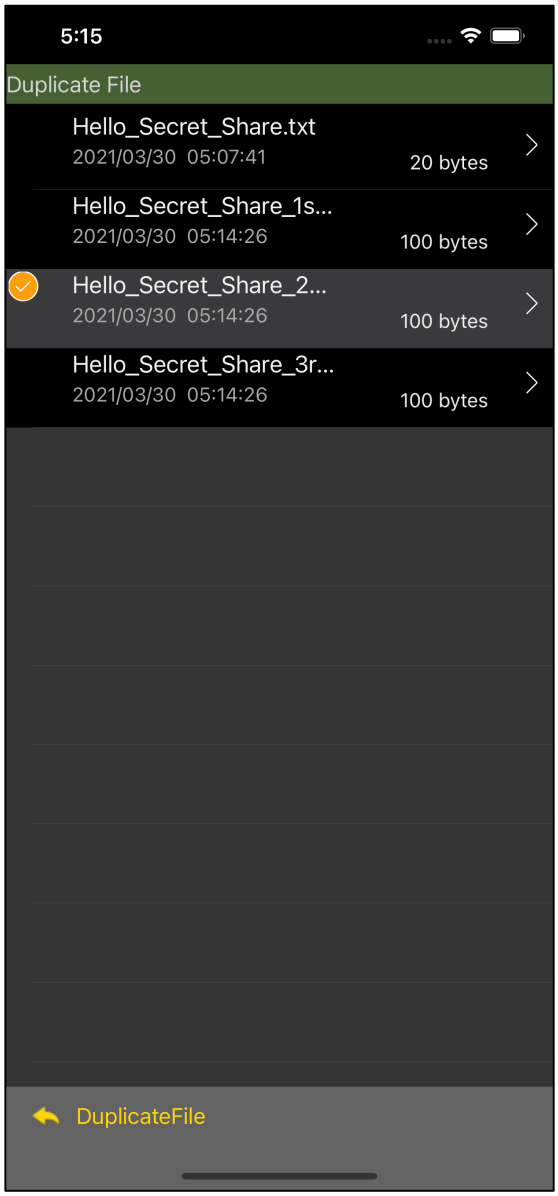


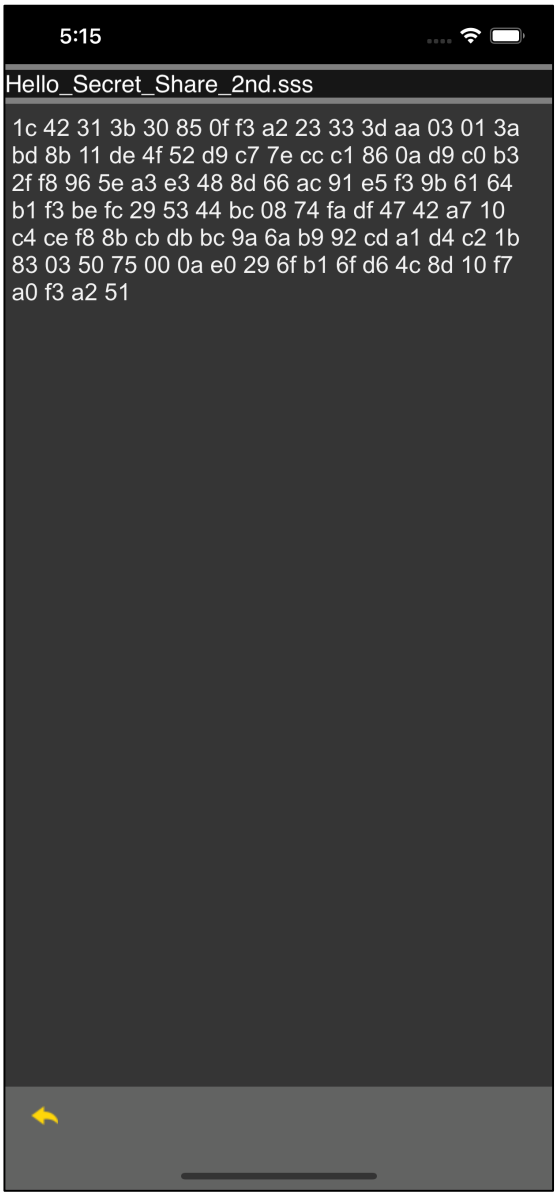


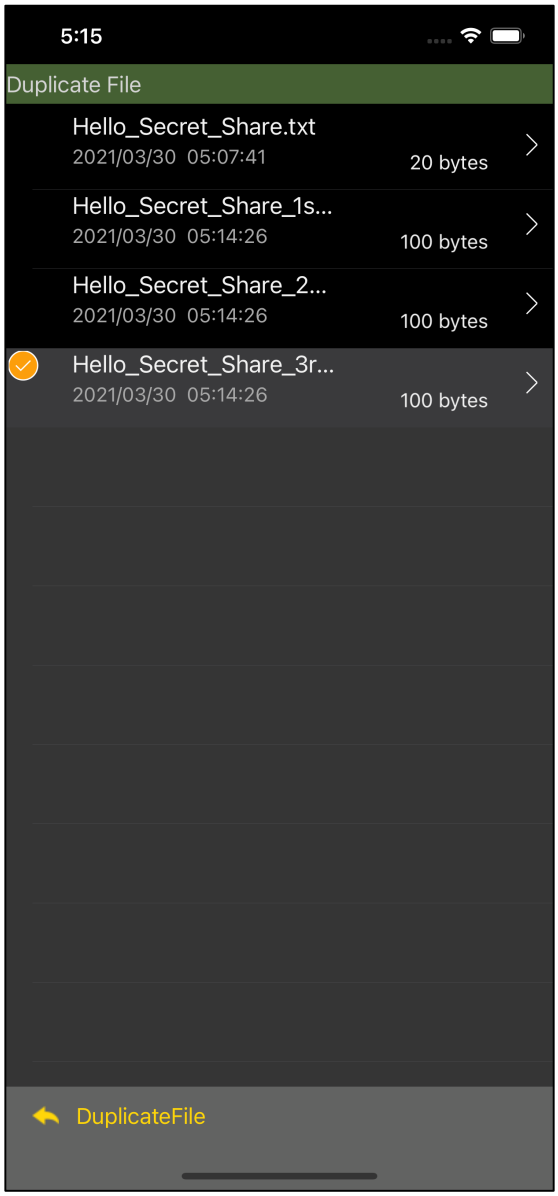
Use the "Duplicate File" command to see the result of "share".

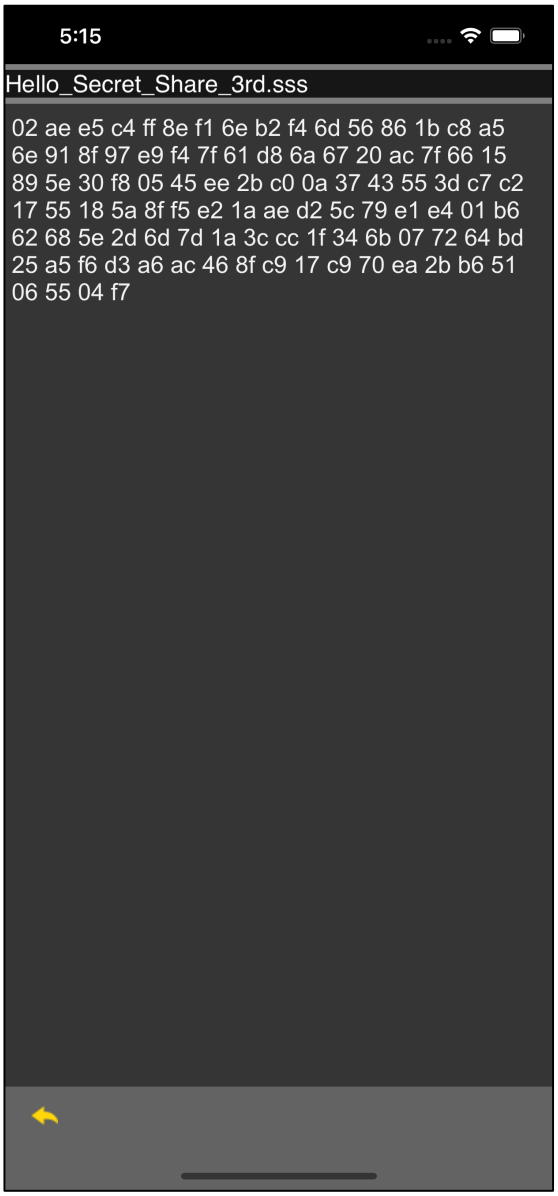

5:15
Duplicate File
Hello_Secret_Share.txt
2021/03/30 05:07:41
20 bytes
Hello_Secret_Share_1s...
2021/03/30 05:14:26
100 bytes
Hello_Secret_Share_2...
2021/03/30 05:14:26
100 bytes
Hello_Secret_Share_3r...
2021/03/30 05:14:26
100 bytes
DuplicateFile


5:15
Hello_Secret_Share_1st.sss
81 8b 85 21 31 8d 66 32 ce 74 bc 38 c6 34 60 cc
0e 41 90 2f be a3 28 36 8f 3d 30 77 fb 28 31 42
de 09 67 af 52 12 b9 7c 97 5d 60 14 02 6a 90 95
40 02 4f 0d d8 a2 b5 4d f9 85 0b 2e b6 b3 56 e1
35 3f 09 7a 3a 2a 4d 6b 9b 48 63 3c 50 25 33 ea
72 f2 a1 84 f1 fb 11 d8 9e 40 9e 27 bd 7c e1 06
51 02 53 a0


5:15
Duplicate File
Hello_Secret_Share.txt
2021/03/30 05:07:41
20 bytes
Hello_Secret_Share_1s...
2021/03/30 05:14:26
100 bytes
Hello_Secret_Share_2...
2021/03/30 05:14:26
100 bytes
Hello_Secret_Share_3r...
2021/03/30 05:14:26
100 bytes
DuplicateFile


5:15
Hello_Secret_Share_2nd.sss
1c 42 31 3b 30 85 0f f3 a2 23 33 3d aa 03 01 3a
bd 8b 11 de 4f 52 d9 c7 7e cc c1 86 0a d9 c0 b3
2f f8 96 5e a3 e3 48 8d 66 ac 91 e5 f3 9b 61 64
b1 f3 be fc 29 53 44 bc 08 74 fa df 47 42 a7 10
c4 ce f8 8b cb db bc 9a 6a b9 92 cd a1 d4 c2 1b
83 03 50 75 00 0a e0 29 6f b1 6f d6 4c 8d 10 f7
a0 f3 a2 51


5:15
Duplicate File
Hello_Secret_Share.txt
2021/03/30 05:07:41
20 bytes
Hello_Secret_Share_1s...
2021/03/30 05:14:26
100 bytes
Hello_Secret_Share_2...
2021/03/30 05:14:26
100 bytes
Hello_Secret_Share_3r...
2021/03/30 05:14:26
100 bytes
DuplicateFile


5:15
Hello_Secret_Share_3rd.sss
02 ae e5 c4 ff 8e f1 6e b2 f4 6d 56 86 1b c8 a5
6e 91 8f 97 e9 f4 7f 61 d8 6a 67 20 ac 7f 66 15
89 5e 30 f8 05 45 ee 2b c0 0a 37 43 55 3d c7 c2
17 55 18 5a 8f f5 e2 1a ae d2 5c 79 e1 e4 01 b6
62 68 5e 2d 6d 7d 1a 3c cc 1f 34 6b 07 72 64 bd
25 a5 f6 d3 a6 ac 46 8f c9 17 c9 70 ea 2b b6 51
06 55 04 f7

The contents of the share piece change with each execution of the share command.

There will never be a piece of share identical to the one generated in the past.

Therefore,

You lost the share piece.

Newly you done share.

You tried to combine the past share piece and the share piece you just made.

Even if you do this, combine will not succeed.

If you lose the pieces of share needed for combine, there is no way to combine.