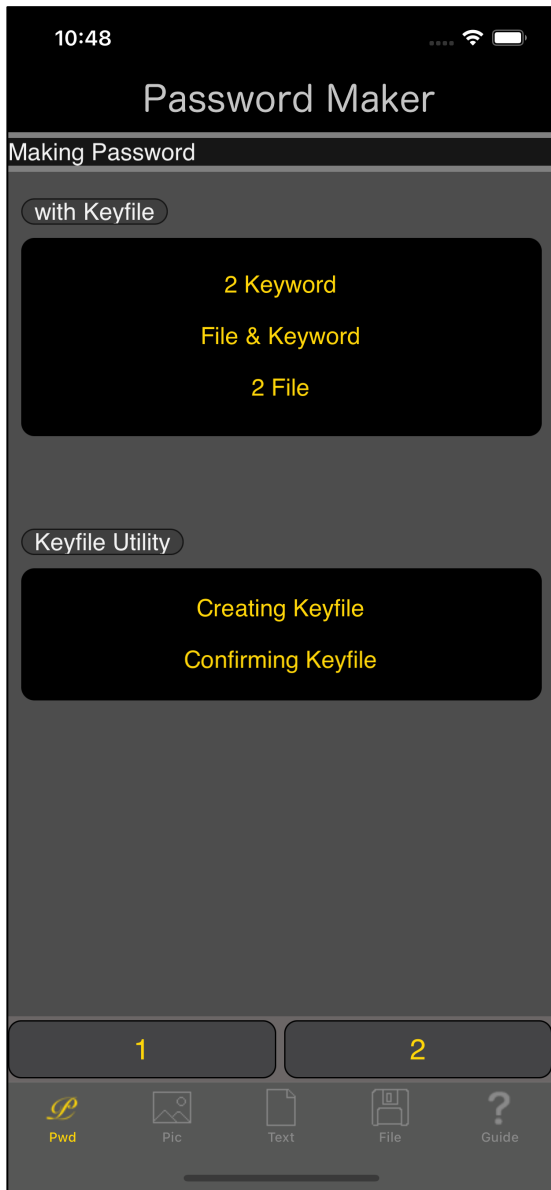
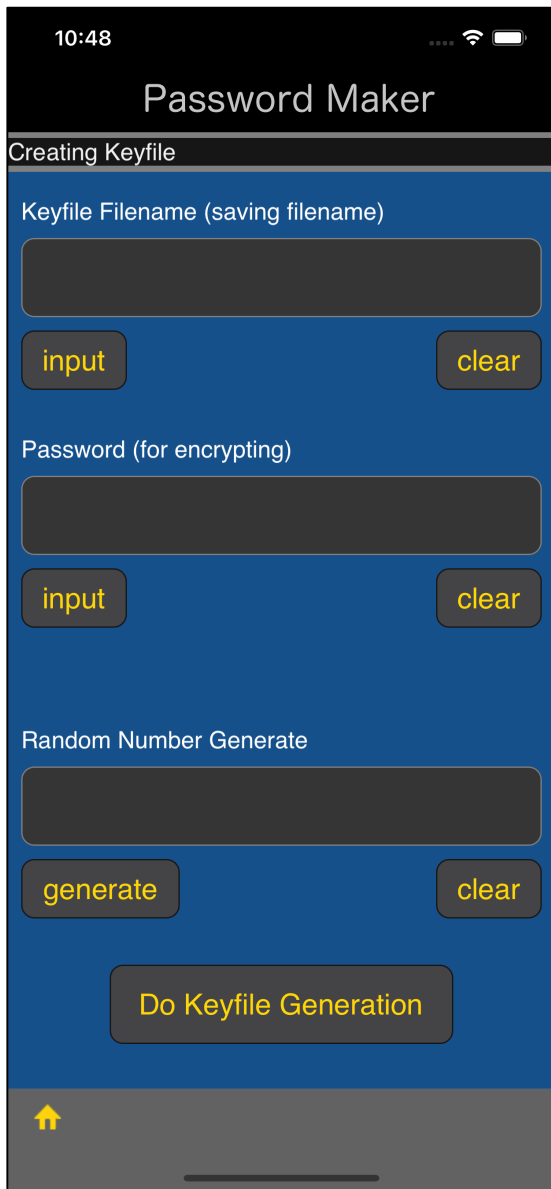


Key file creation



When you press the main "Create Key File" button, you will see a view like the one below.



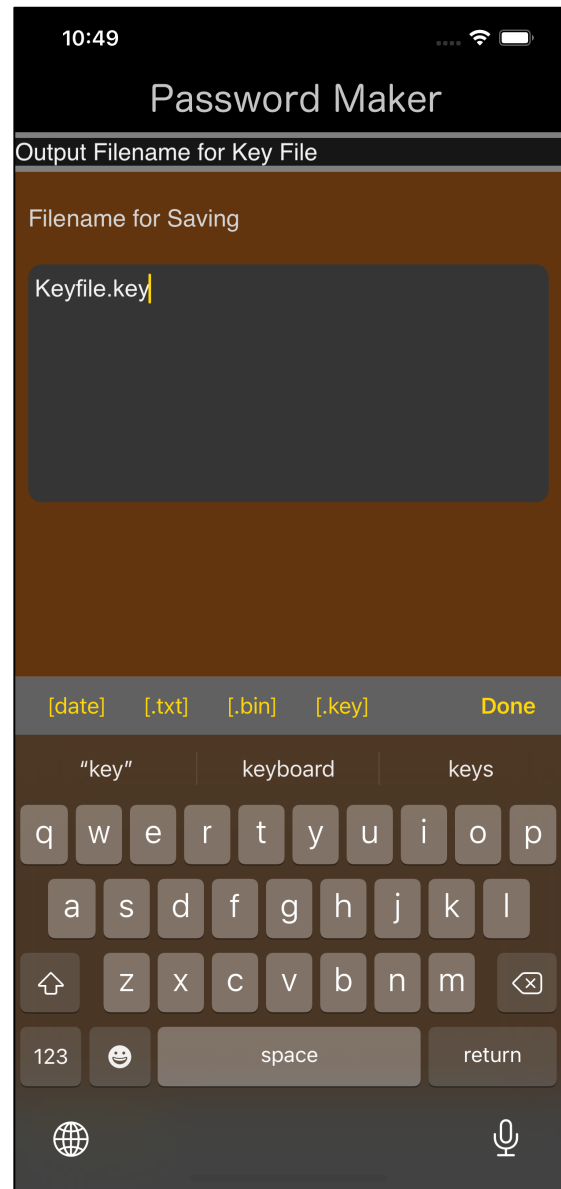
The user interface looks like this.

Key file output destination file name

Key file encryption password

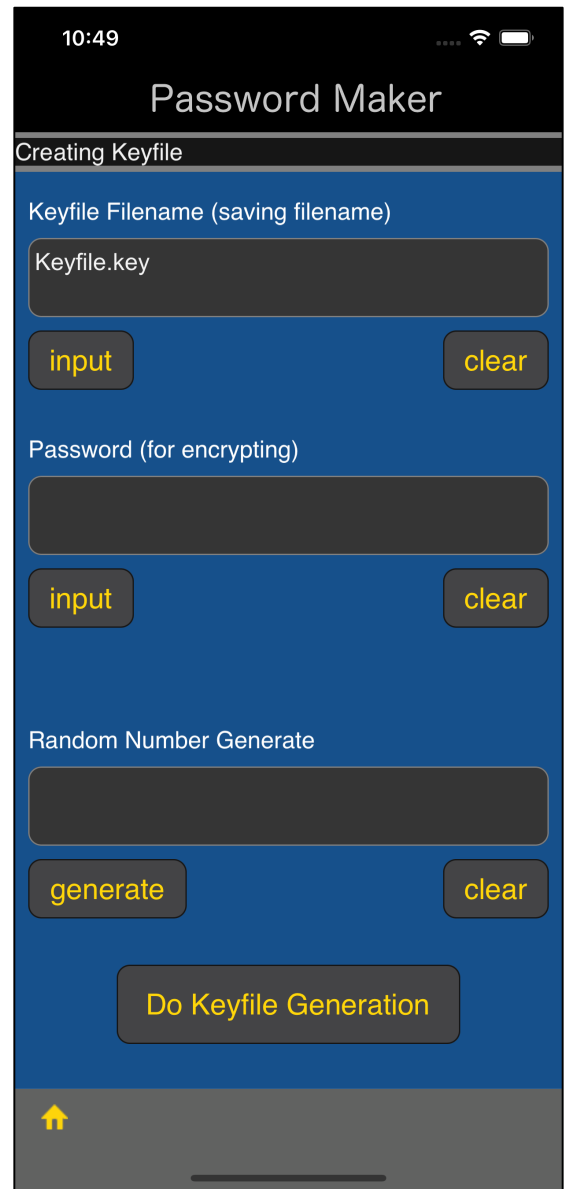
32-byte value stored in the key file

This is the meaning.

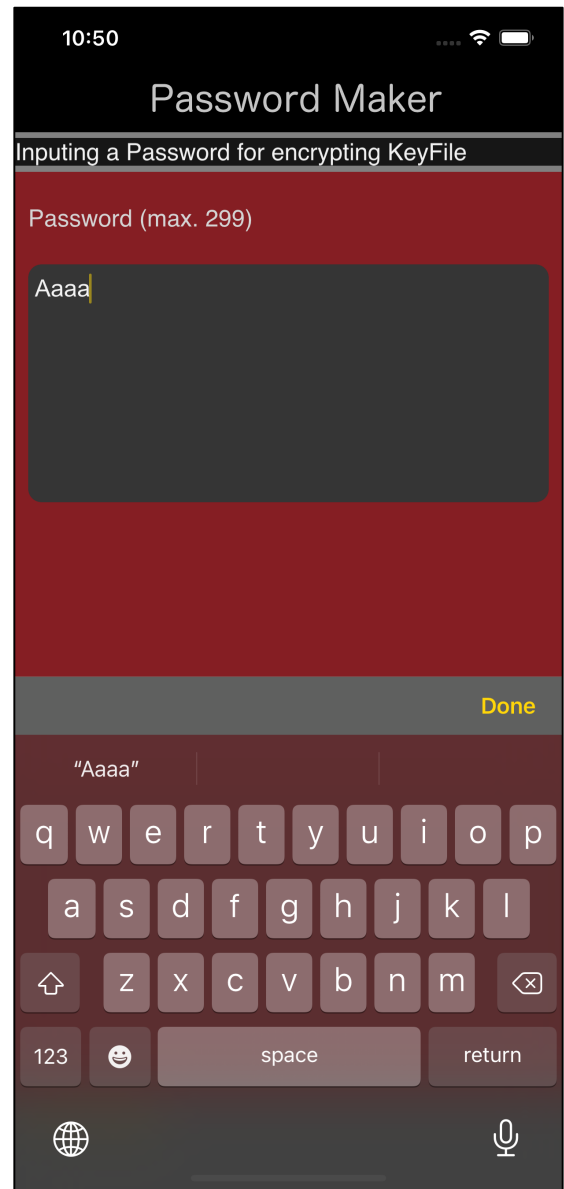


When you press the "input" button under the text view of the key file output destination file name, such a view will appear.

Enter the file name to which the key file is to be output.

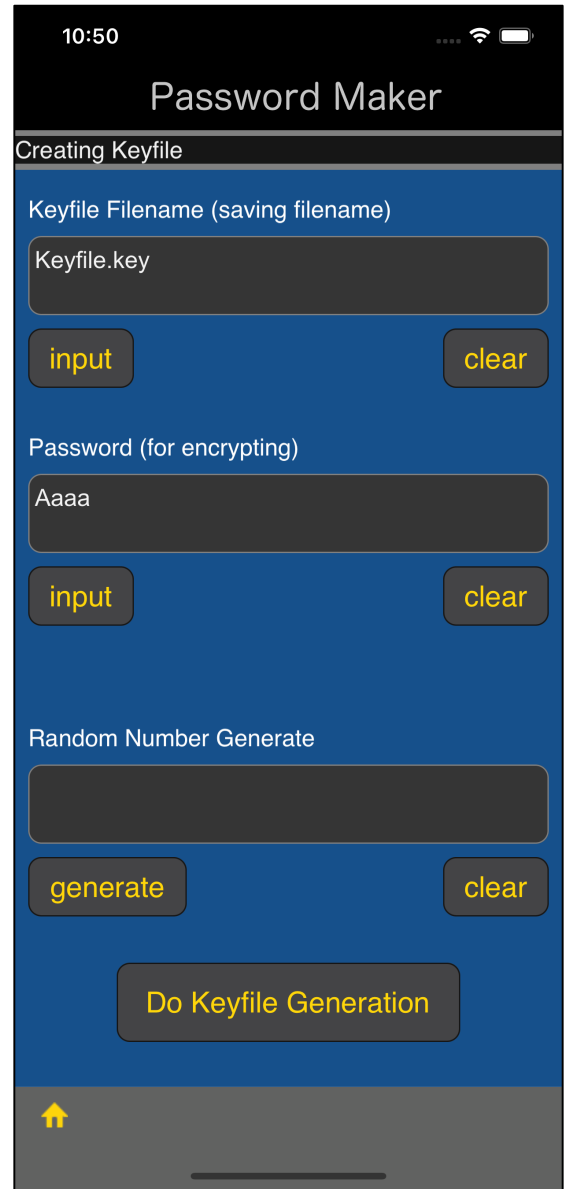


After input, press the "Decide" button on the toolbar to return as shown on the right.

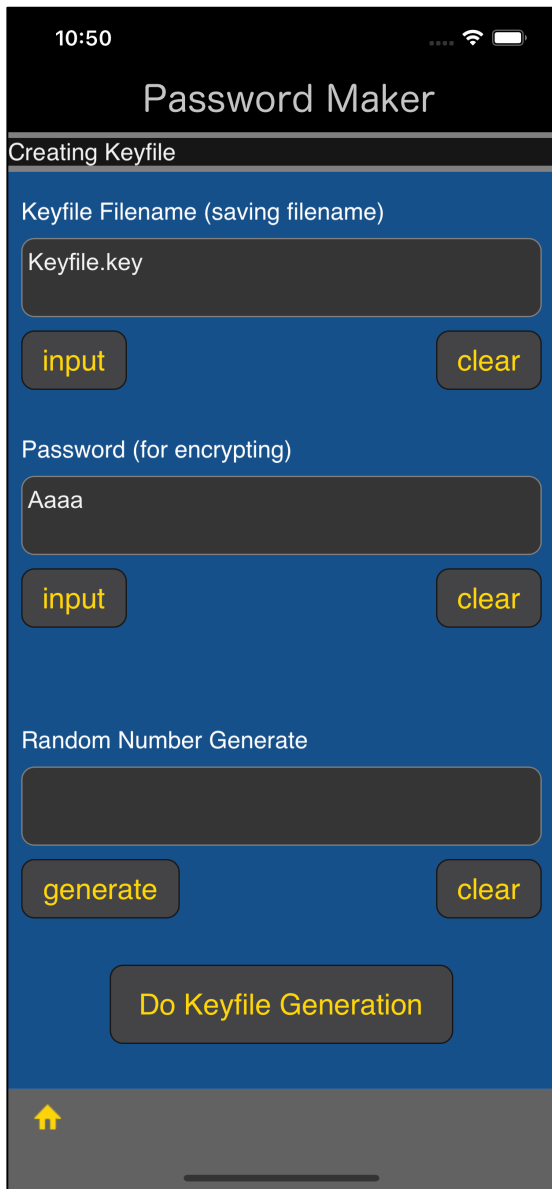


If you press the "Enter" button at the bottom left of the text view for displaying the password, such a view will appear.

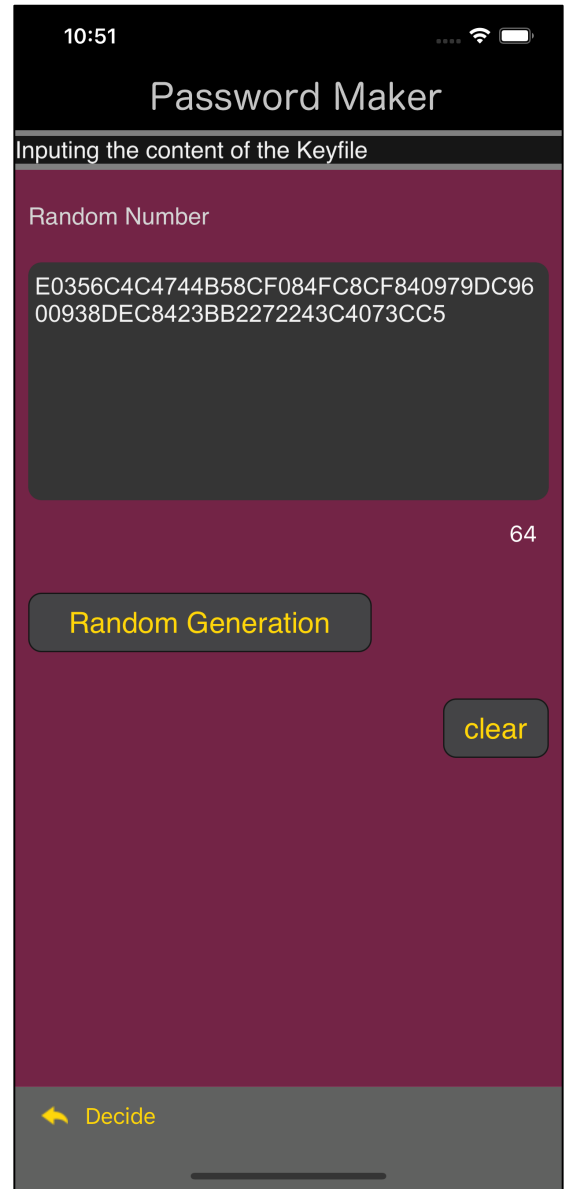
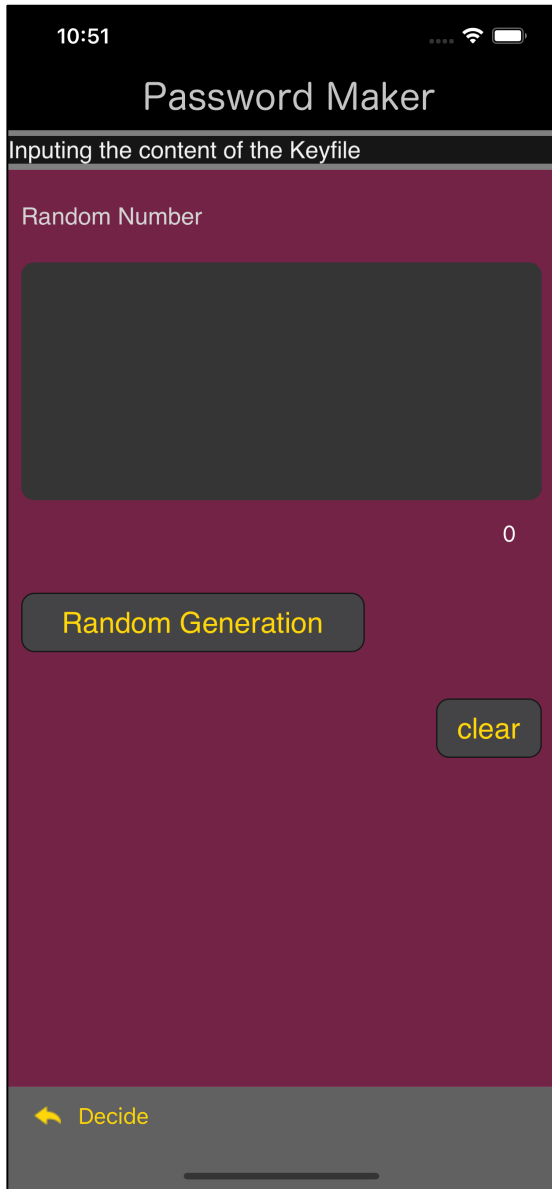
Enter a password for key file encryption.



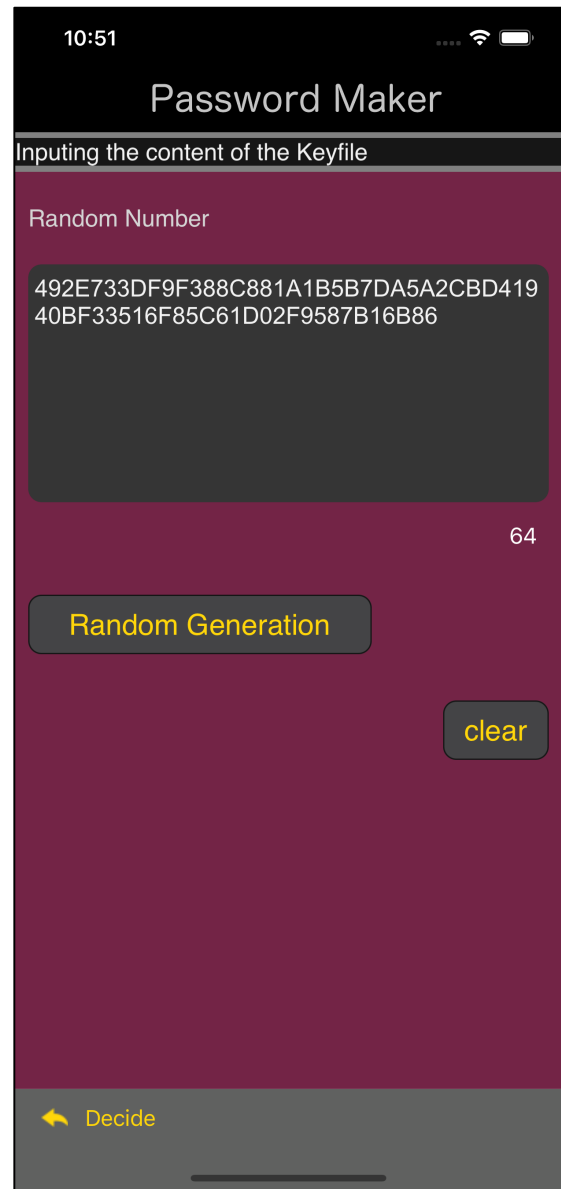
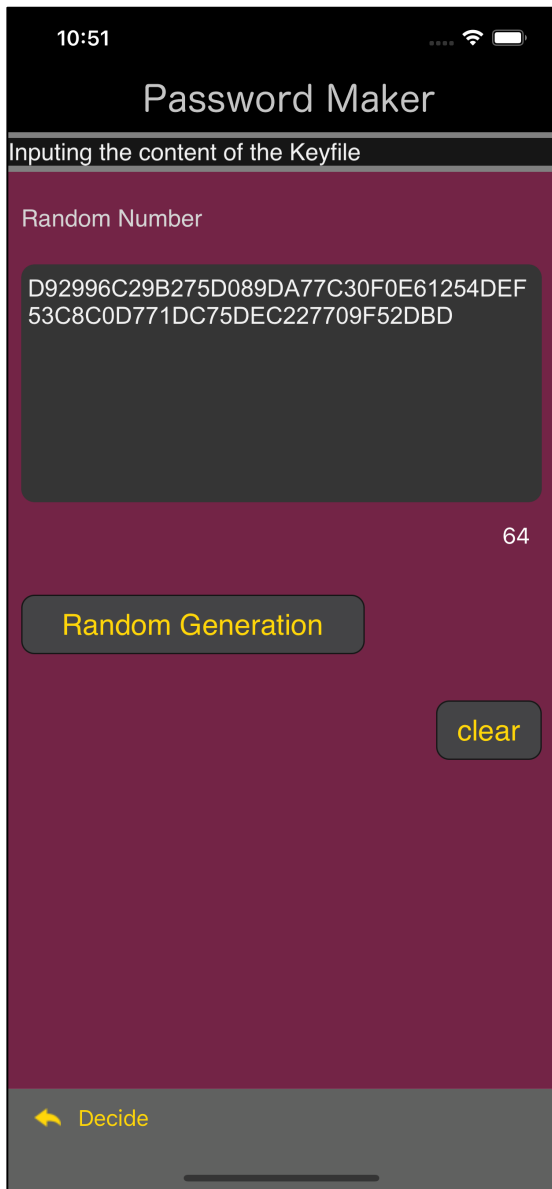
After input, press the "Decide" button on the toolbar to return as shown on the right.



When you press the "generate" button under Random Number Generate, the view for entering the random number value will appear as shown below.

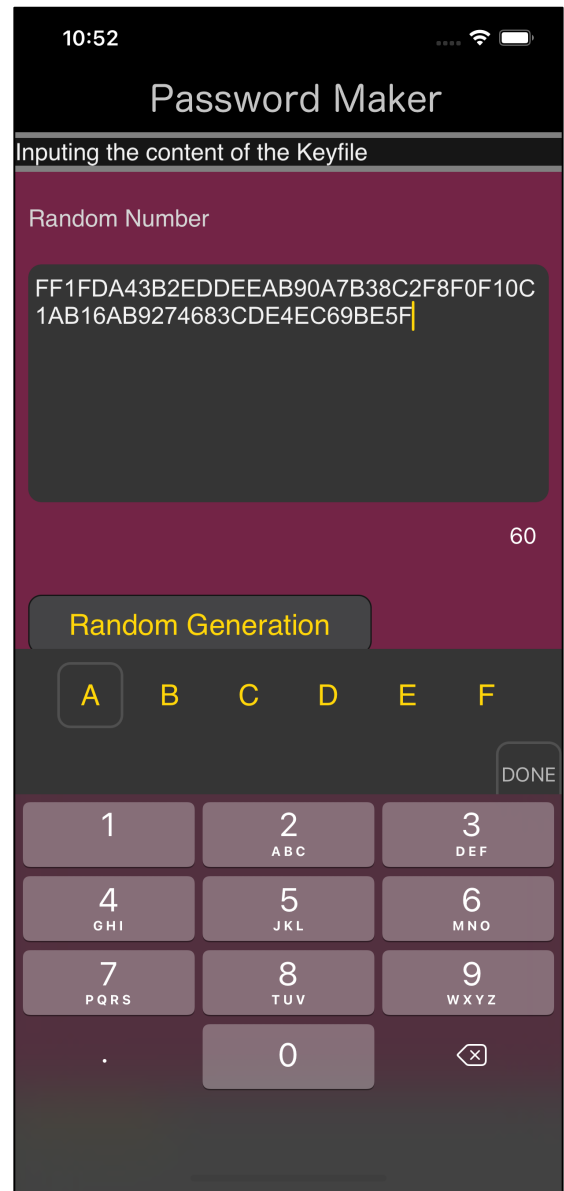
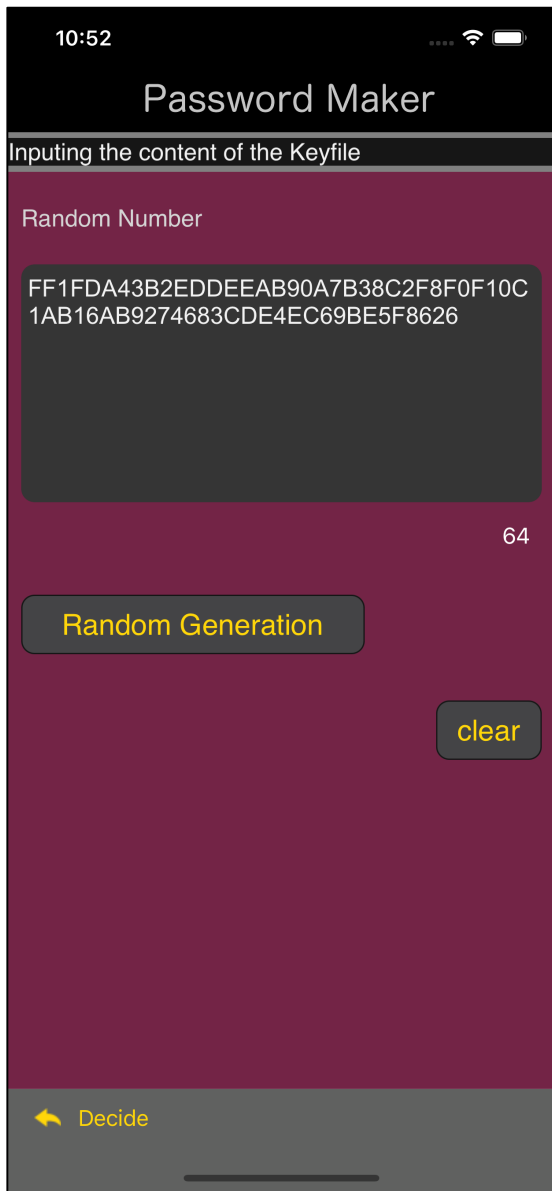


When you press the "generate" button under Random Number Generate, a 32-byte random number will be generated and displayed like this.

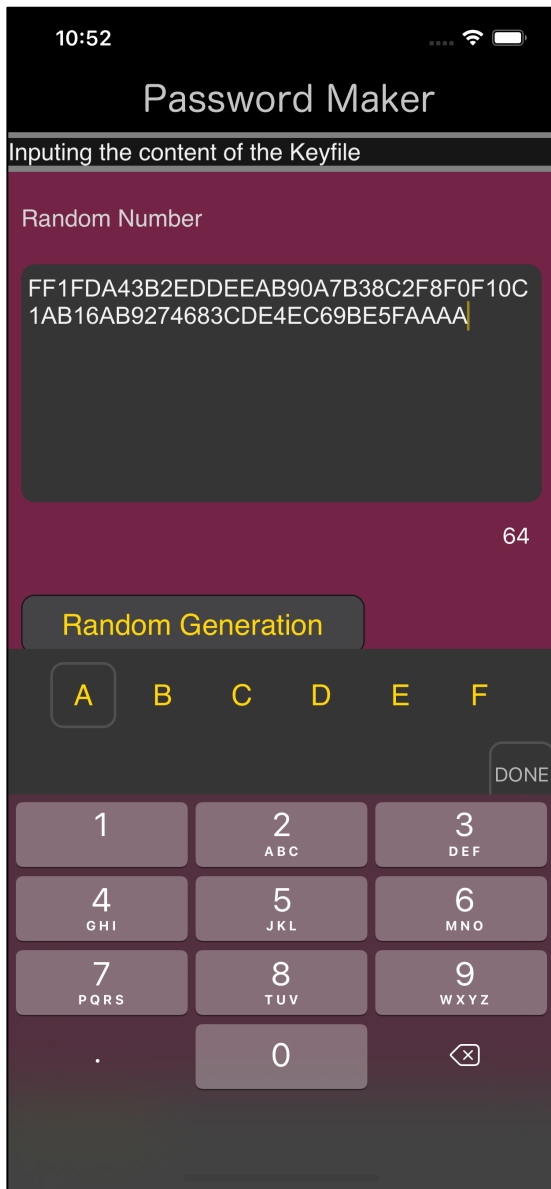


You can press this "generate" button any number of times.

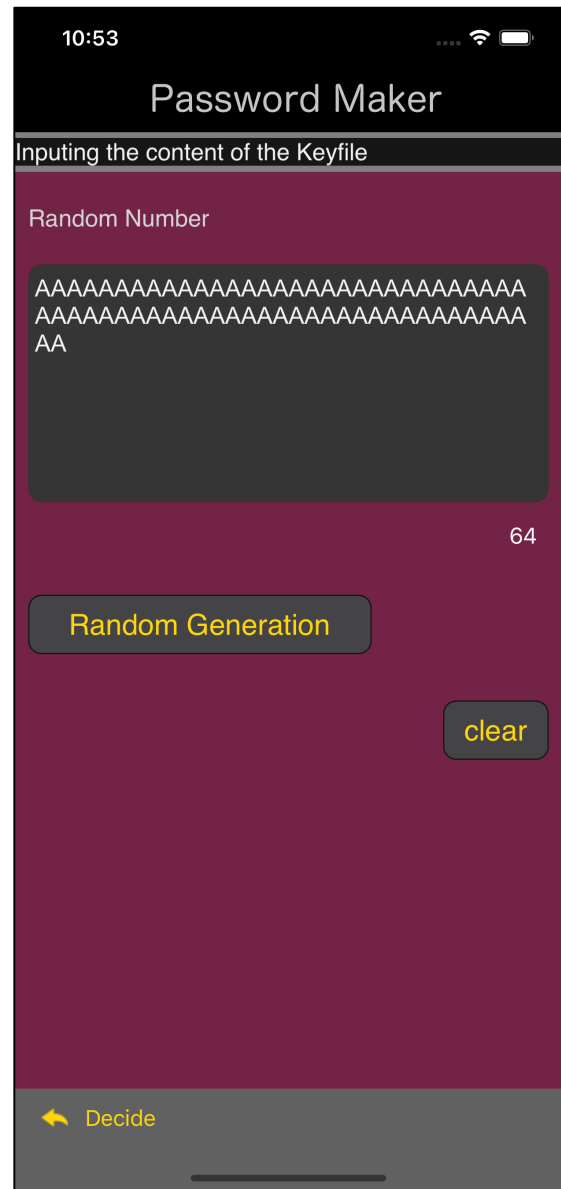
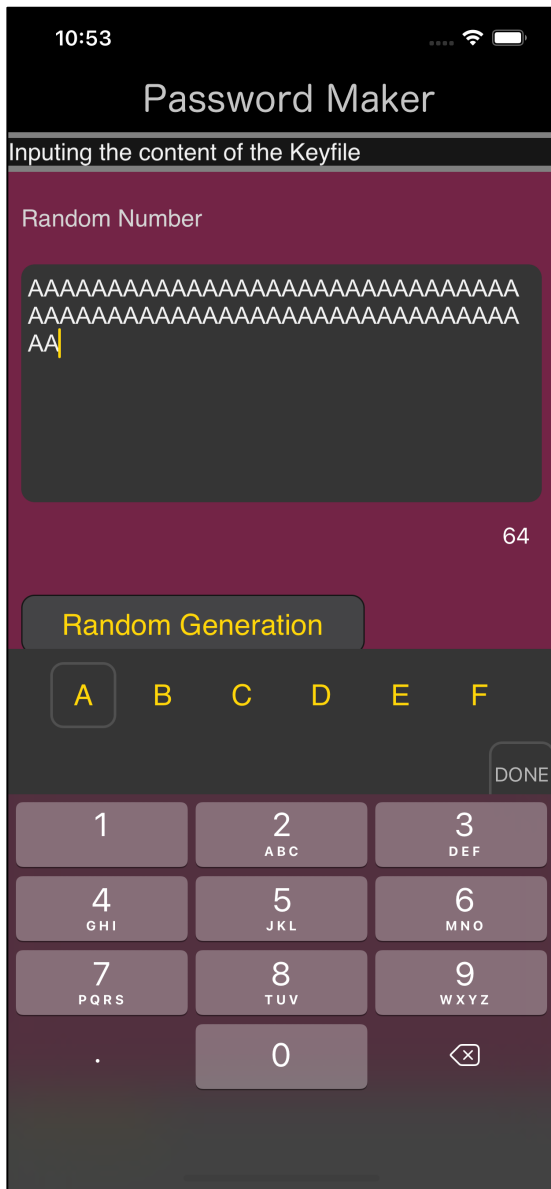
Each press generates a new random number.



This is when you intervene in the generated pattern.



This is an example of changing the last 4 characters (2 bytes) to AAAA.



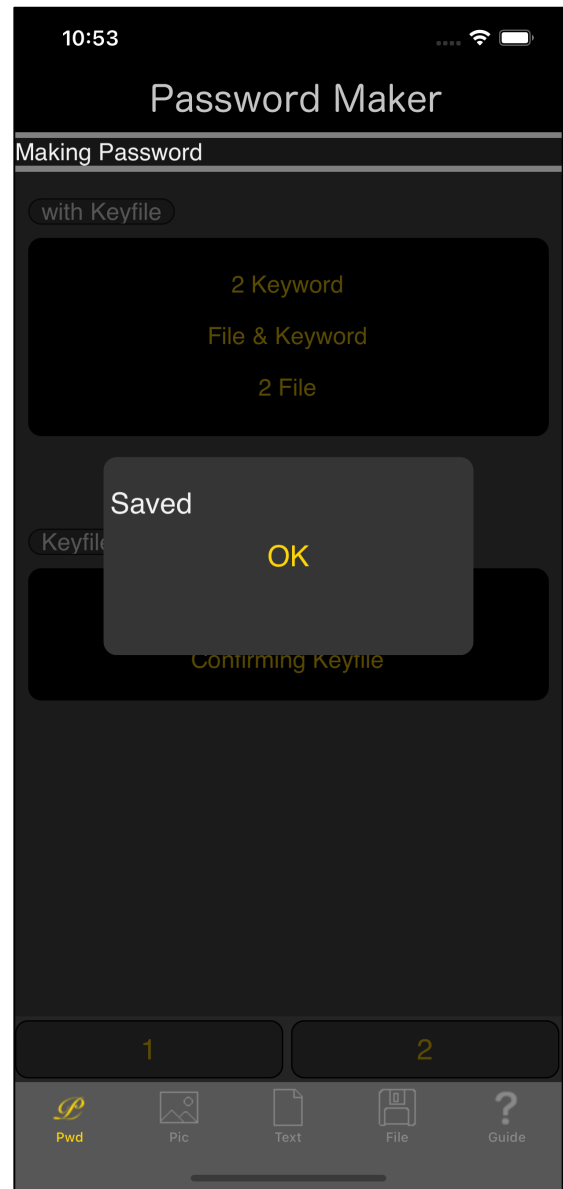
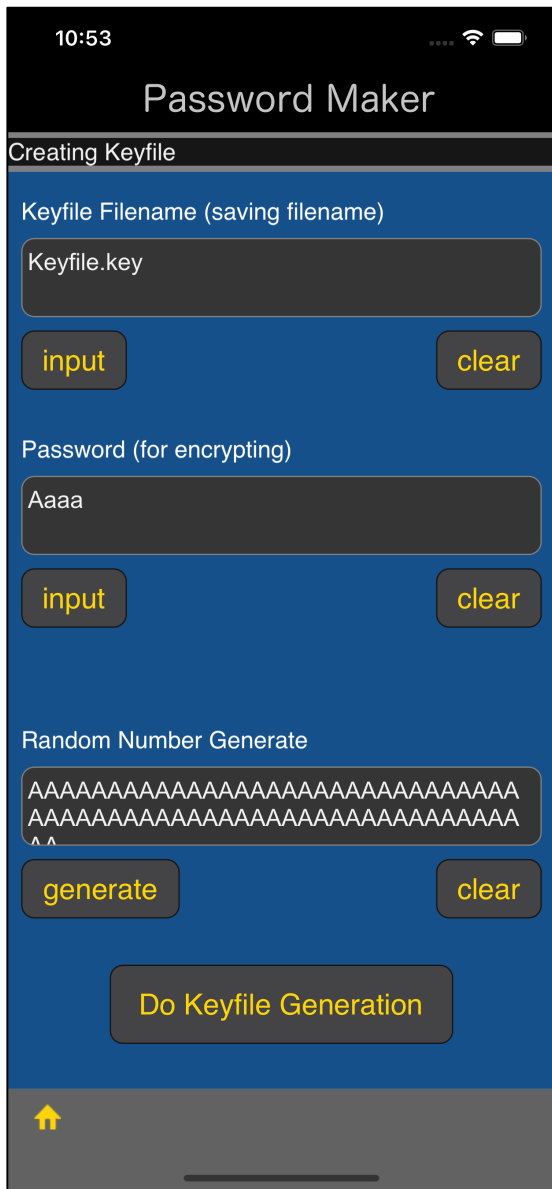
It's possible to make everything AAAA.... like this.

However, in practice, I do not recommend doing this at all.

However, in this example, I will use AAAA... to create a key file.

After entering AAAA..., press the "Enter" button on the toolbar to return as shown in the following figure.

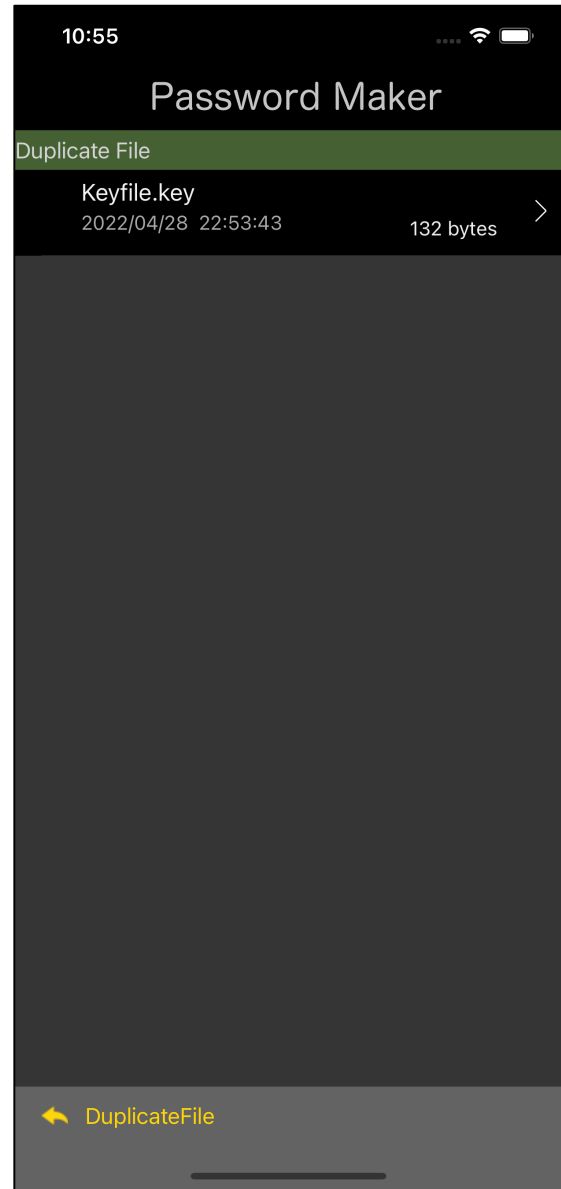
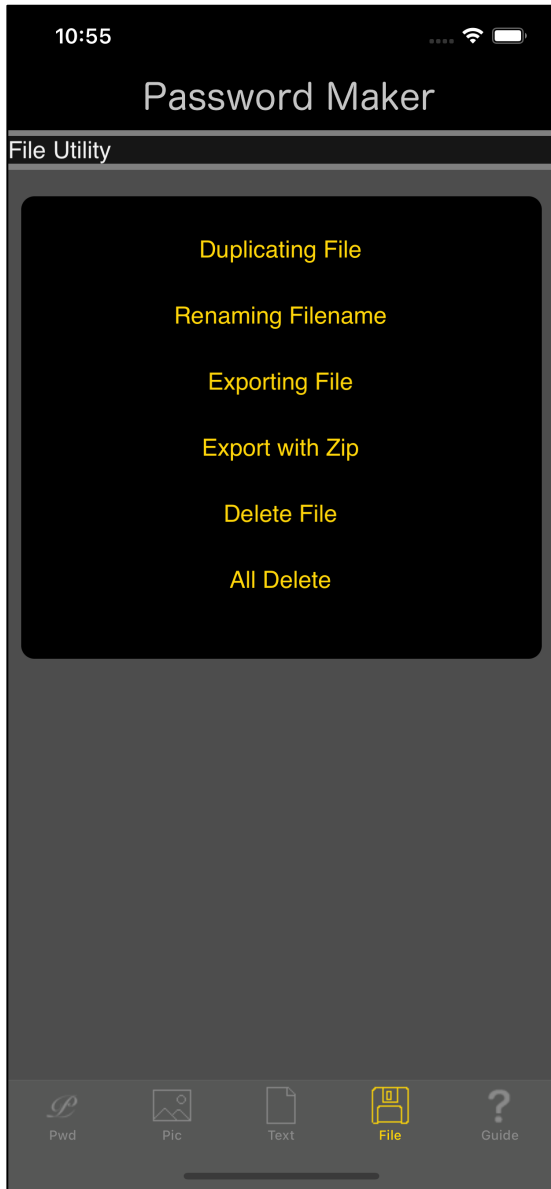
Also, you must enter exactly 32 bytes (64 characters) to be accepted. More or less will not be accepted.



It will come back like this.

When you press the "Do KeyFile Generation" button at the bottom, a key file will be generated and saved with the specified file name.

Then you will see a message like the one on the right.



To see the generated key file, use the "Duplicating File" command.

It looks like this.

10:55



Password Maker

Keyfile.key

```
0b 1e a1 8b a8 c2 f0 d7 49 8b a1 0f 05 65 44 35
66 08 3f 8a c0 6f 9f 3f 67 b8 e5 98 c1 91 f8 53
54 29 1d a1 8b ca 9f 1f 0b b6 18 3d 4c 90 7e b2
4c 73 2c 57 f5 be 7e 40 a8 d8 c7 35 50 0f ae 07
d8 e7 26 be 5f 25 13 c7 28 86 76 8a fb 06 4b e3
b1 b3 c8 ea fc 05 c6 73 9a cf 3e bc da c4 c0 d1
44 4e b0 71 22 1f 39 8f 95 1b 77 ce 6f f9 81 b1
cc 7b 25 44 af 92 fe 8b c3 ea b3 d3 62 67 a3 70
43 54 d9 19
```



This is the value of the generated key file itself.

32-byte value to be encrypted

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Apply AES-Keywrap to this 32-byte value.

The following encryption is applied to the AES-Keywrapped value.

Encryption method AES-256-GCM

Encryption password Aaaa

This key file is a cipher text created in this way.

Encryption password Aaaa

For those who do not know this, the value of the contents cannot be retrieved.