Python Version Used: 2.7

I decided to implement the RC4 stream cipher.

Usage:

1. Run RC4 Stream Cipher.py
2. Type ‘e’ to begin encryption process
3. Enter a key e.g. ‘Password’
4. Enter the plaintext you wish to encrypt e.g. ‘Hello world!’
5. RC4 algorithm than encrypts the message into a hex string e.g. ‘688a030b2d4ed15671ebc583’
6. Program will return to main menu
7. Select ‘d’ this time to begin decryption process
8. Enter the key that was given for encryption e.g. ‘Password’
9. Enter the hex encoded cipher string to be decrypted e.g. ‘688a030b2d4ed15671ebc583’
10. The cipher string will then be decrypted back into plaintext e.g. ‘Hello world!’