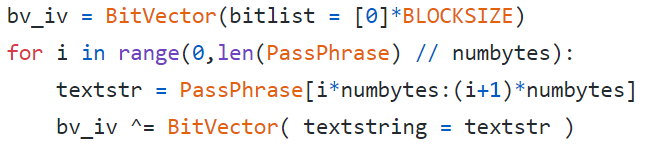
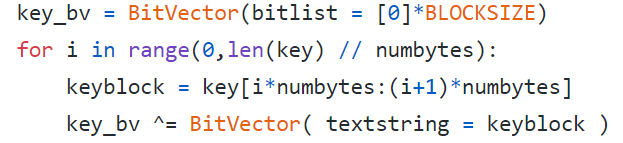
▓differential XORing

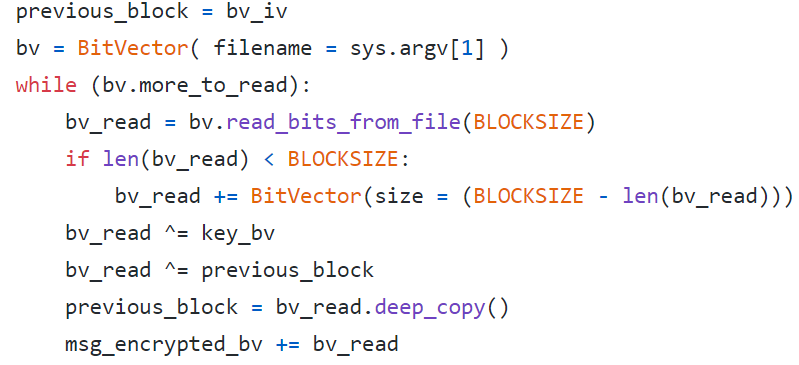
1. Passphrase: a string used as the first “previous encrypted block” for the encryption of first block
2. Algorithm
   1. Encypted
      1. Given: passphrase, blocksize, key
      2. Reduce the passphrase to a bit array of size BLOCKSIZE



* + 1. Reduce the key to a bit array of size BLOCKSIZE



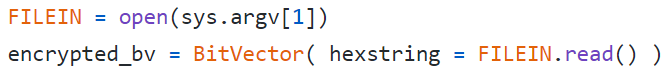
* + 1. Carry out differential XORing of bit blocks and encryption



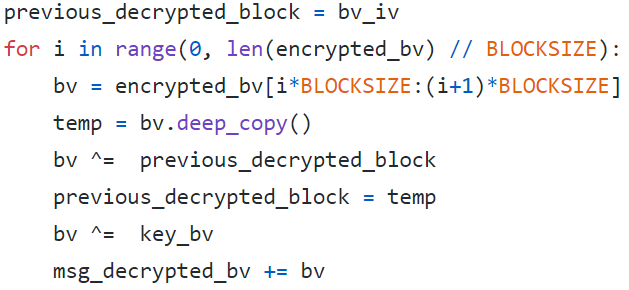
* + 1. Convert the encrypted bitvector into a hex string:



* 1. Decrypted
     1. Given: passphrase, blocksize, key
     2. Reduce the passphrase to a bit array of size BLOCKSIZE:
     3. Create a bitvector from the ciphertext hex string:



* + 1. Reduce the key to a bit array of size BLOCKSIZE
    2. Carry out differential XORing of bit blocks and decryption:



* + 1. Extract plaintext from the decrypted bitvector

▓plaintext: what you want to encrypt

▓ciphertext: The encrypted output

▓enciphering or encryption: The process by which plaintext is converted into ciphertext