Convert encrypted to hex

eg

10	3			

φ	A	0	3		

ecx = φ
eax = φ   **loop2**

No ← ecx ≥ 5 (size) → Yes → **cnt2** → (exit)

al = [encrypted + ecx]
eax = eax/16   // upper hex
edx = eax %016   // lower hex

↓

eax is digit

Y ↓

process edx as digit

N **let:**

process eax as letter

cnt:

Y ↓

edx is digit

N

process edx as digit

process edx as letter

endloop

↓

ecx ++

calls → 5 proceduces
       1 function

(main)   encryption
                ↓

call [create and open file]   ([fd])

call * [Write 'Plain text'] | append text
call   [Write 'hello'] | text to encrypt
call   [write 'key]
call   [write 'march'] | key
call   [encrypt]   [plaintext] + [key] → [encrypted]

call   [write 'Encrypted text']

call   [convert encrypted to hex]   [encrypted]
                                    → encrypted in hex
call   [write [encrypted hex]]

call   [~~store~~ [encrypted] → [plaintext]]
        copy

call   [encrypt]   this is actually decrypting

call   [write 'Decrypted text']
call   [write [encrypted]]   this is 'hello'

call   [close file]
            ↓
         (exit)