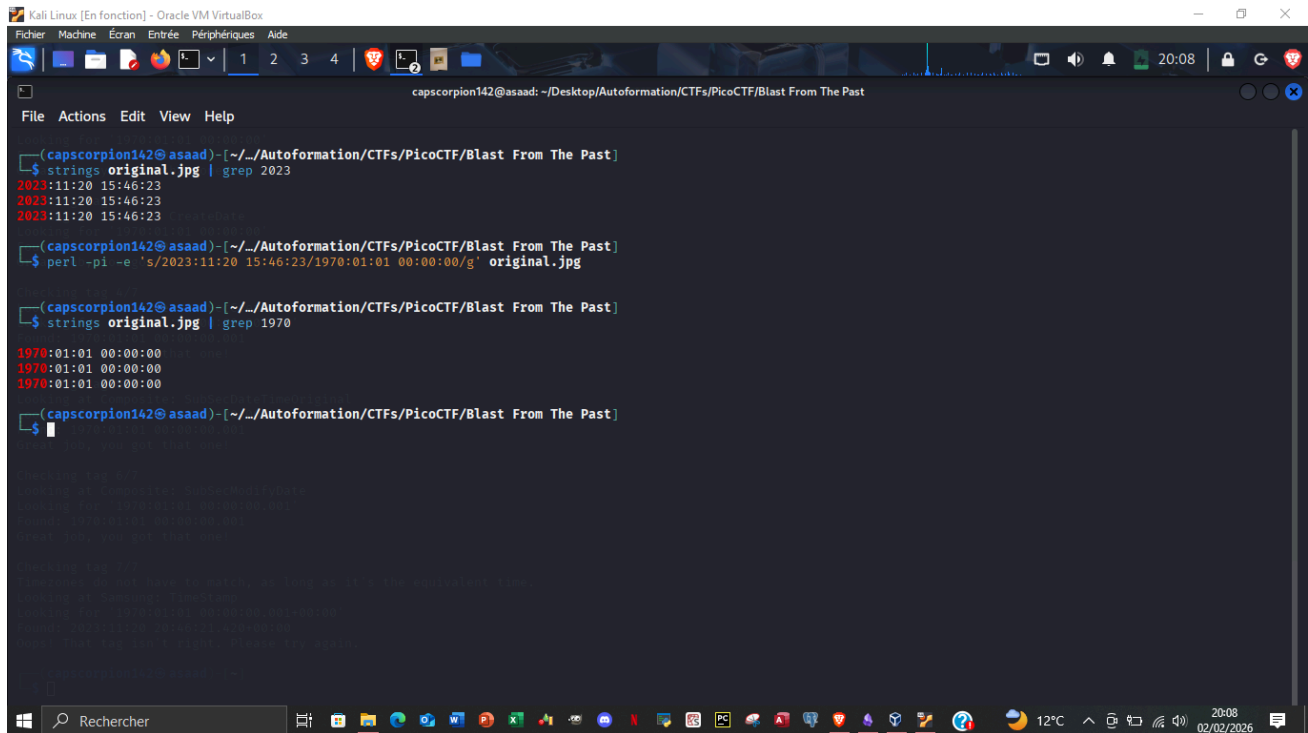


Blast From the Past

- So here basically, we have a picture, in its metadata, all of its time fields are set to 2023, we need to set them to 1970 and then test it with the nc command in a server, if it validates all the fields then it gives us the flag...
- We use a command called "perl" to change the strings in the binary files directly:



```
Kali Linux [En fonction] - Oracle VM VirtualBox
Fichier Machine Écran Entrée Périphériques Aide

capscorpion142@asaad: ~/Desktop/Autoformation/CTFs/PicoCTF/Blast From The Past

(capscorpion142@asaad)~$ strings original.jpg | grep 2023
2023:11:20 15:46:23
2023:11:20 15:46:23
2023:11:20 15:46:23

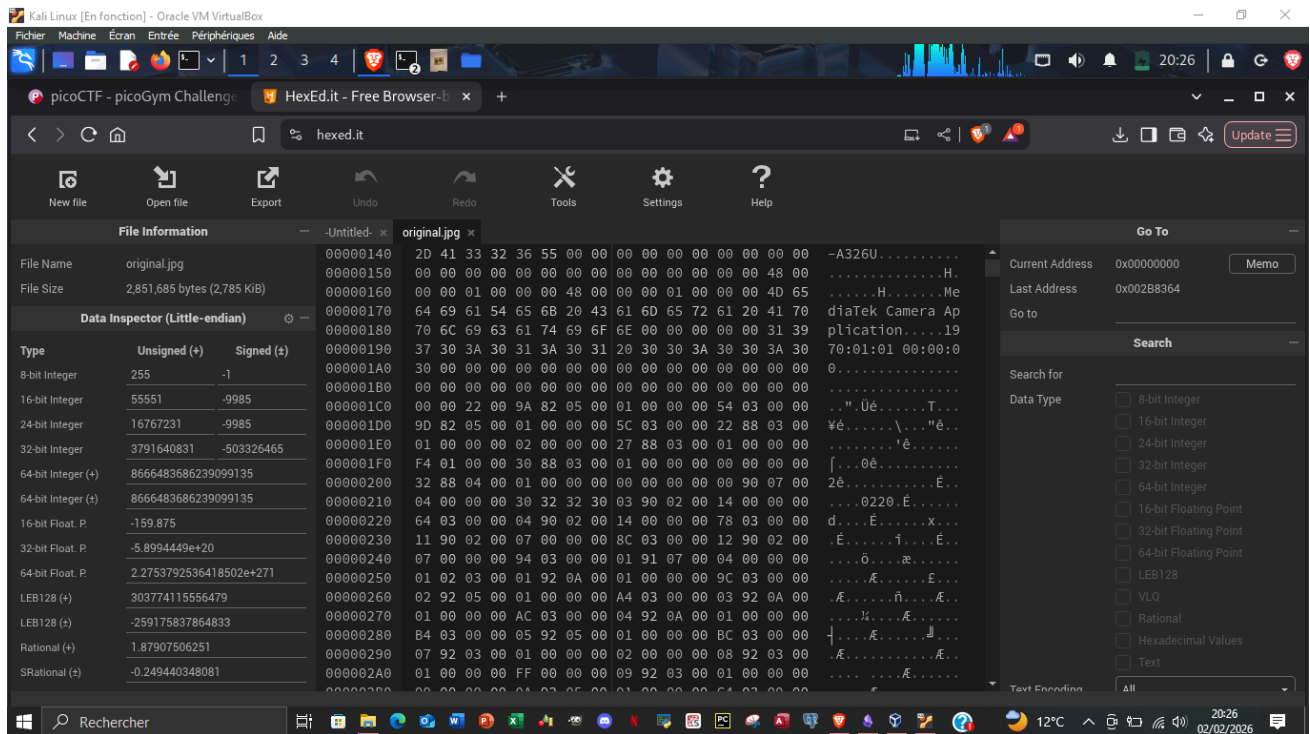
(capscorpion142@asaad)~$ perl -pi -e 's/2023:11:20 15:46:23/1970:01:01 00:00:00/g' original.jpg

(capscorpion142@asaad)~$ strings original.jpg | grep 1970
1970:01:01 00:00:00
1970:01:01 00:00:00
1970:01:01 00:00:00

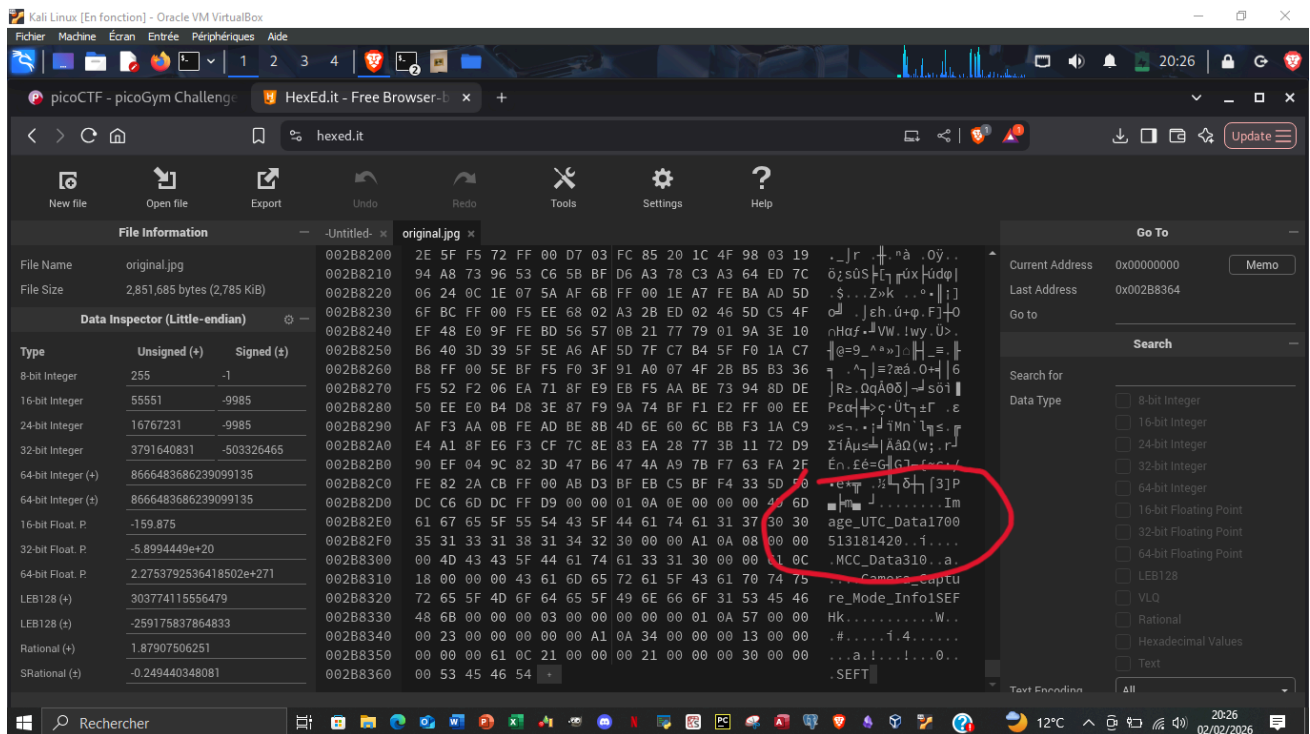
(capscorpion142@asaad)~$
```

- But the problem is that this command only modifies the strings not the hex values...
- So it changed all fields except for a specific one (Samsung)...

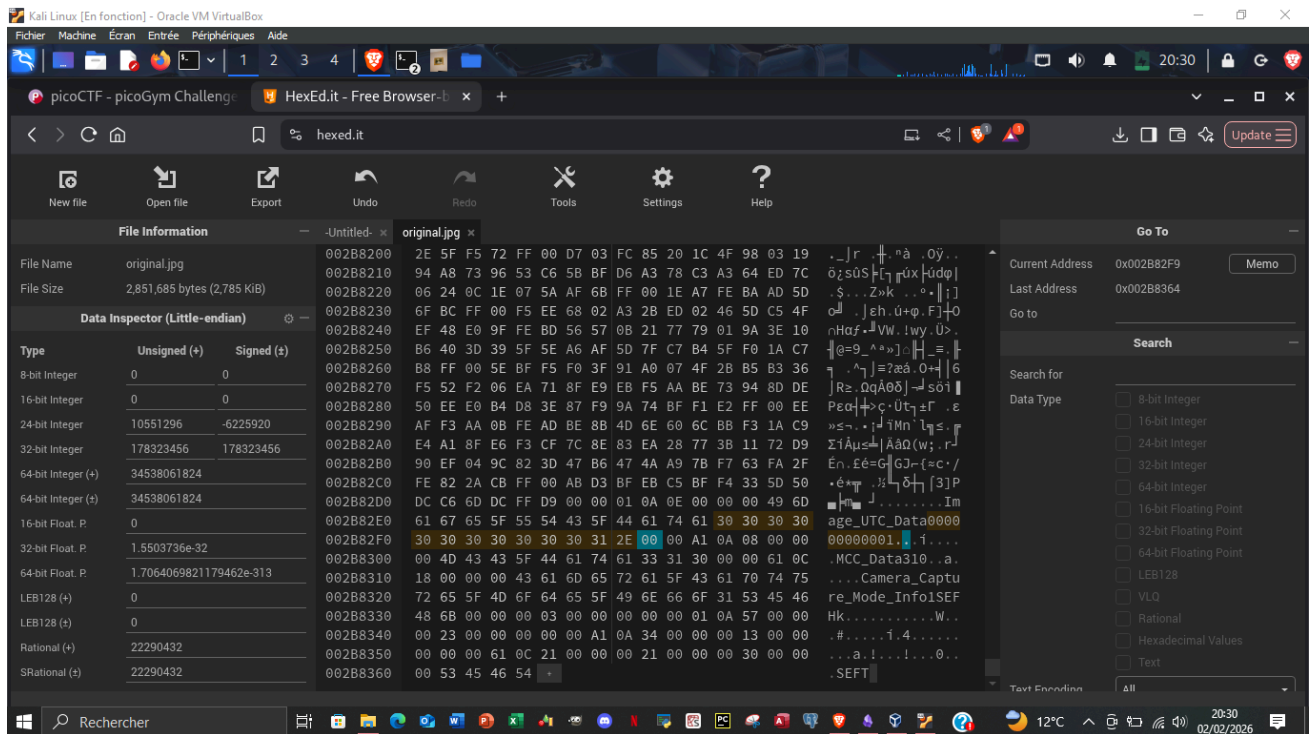
- here, the trick is that we must open the file in a hex editor...



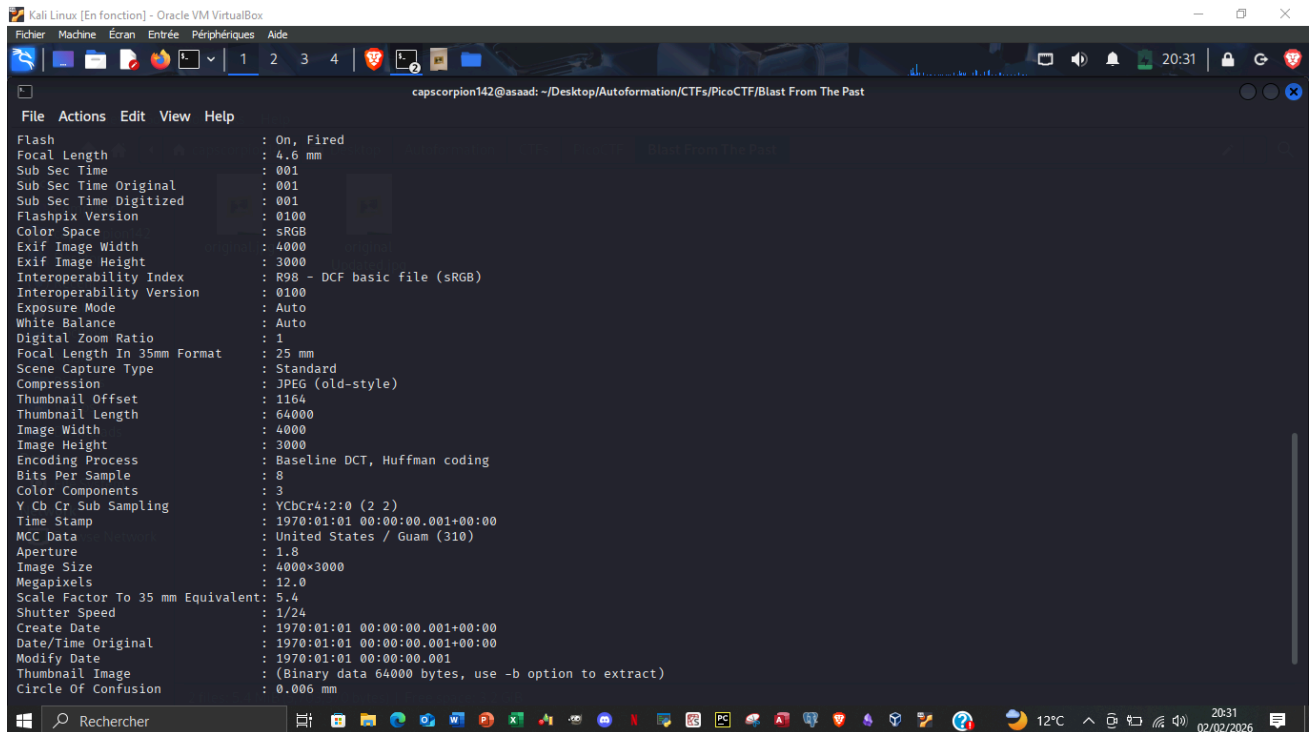
- We go the bottom, we notice an image UTC field



- We write after Data : 0000000000001 (12 zeros) :



- And so everything is set to 1970:



- And so it validates...