

Terminal Challenge--LethalForensics (part 1)

Get the Hints

Tangle Coalbox lives on the right side of the second floor, where the music is the Brandenburg Concerto.



T Tangle Coalbox 1:21PM
Hi, I'm Tangle Coalbox.
Any chance you can help me with an investigation?
Elf Resources assigned me to look into a case, but it seems to require digital forensic skills.
Do you know anything about Linux terminal editors and digital traces they leave behind?
Apparently editors can leave traces of data behind, but where and how escapes me!

The hint that Tangle puts on your badge is essential.



<https://tm4n6.com/2017/11/15/forensic-relevance-of-vim-artifacts/>

The Terminal

Here is what the LethalForensicELFication terminal shows you.

```
.....'...'////////:ccclleooddxxxk0000KKXXNNWMMMMMM
.....'...'////////:ccclleooddxxxk0000KKXXNNWMMMMMM
.....'...'////////:ccclleooddxxxk0000KKXXNNWMMMMMM
ldd: .d' ';;... .o: .d;.....'dl;do;:llcc:coddod00xxk0KOOKF KKKXNNWMMMMMM
lo.ol.d' ';;... ,d'.lc.....'deod;:l:lclldldok0xdxx0K0OKF KKKXNNWMMMMMM
lo led' ';;... co:o.....'dl':dl;:l:oodlcedd0x0xxk0KOOKF KKKXNNWMMMMMM
.. /? ..... :f:.....'c:'':l;;c;;:llccoooodkk0000KKXXNNWMMMMMM
.....'...'////////:ccclleooddxxxk0000KKXXNNWMMMMMM
.....'...'////////:ccclleooddxxxk0000KKXXNNWMMMMMM

Christmas is coming, and so it would seem,
ER (Elf Resources) crushes elves' dreams.
One tells me she was disturbed by a bloke.
He tells me this must be some kind of joke.

Please do your best to determine what's real.
Has this jamoke, for this elf, got some feels?
Lethal forensics ain't my cup of tea;
If YOU can fake it, my hero you'll be.

One more quick note that might help you complete,
Clearing this mess up that's now at your feet.
Certain text editors can leave some clue.
Did our young Romeo leave one for you?

- Tangle Coalbox, ER Investigator

Find the first name of the elf of whom a love poem
was written. Complete this challenge by submitting
that name to runtoanswer.
elf@5fe717dle900:~$
```

You can find the file that caused the complaint easily, but that will not solve the challenge for you. You will have to study the link Tangle gave you in the hints. Here is another link that will help you if you are not familiar with vi and some of the Linux command line tools. <http://www.linfo.org/vi/search.html> Also it helps to know what the `-a` option in the `ls` command does.

Hand in

- 1) What is the first name of the elf of whom the love poem was written?
- 2) What forensics evidence do you have to justify that conclusion?