File types
Forensics

Description

This file was found among some files marked confidential but my pdf reader cannot read it, maybe yours can.
You can download the file from here.

Hints:
1) Remember that some file types can contain and nest other files.

Solution:
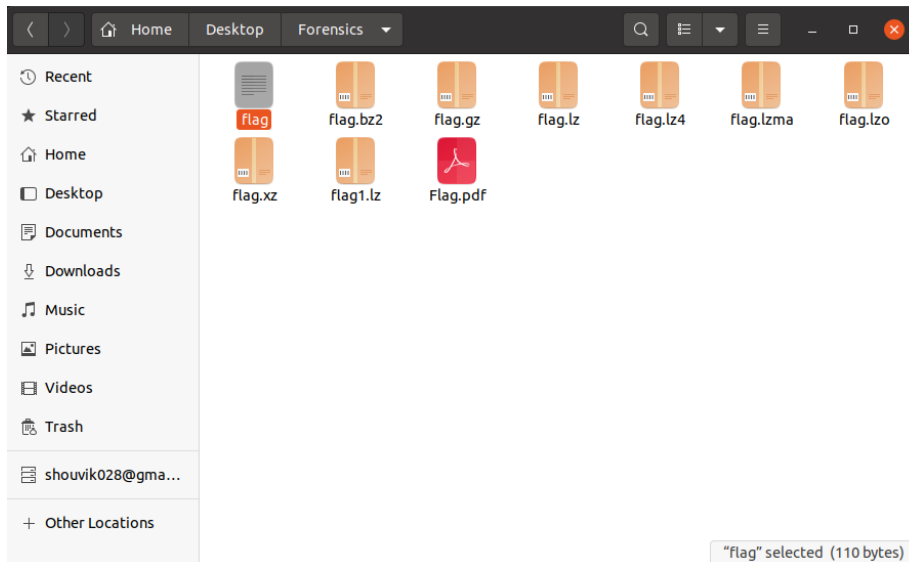1) The hint makes me think that the flag is nested in the file we just downloaded.

2) The given pdf is actually a shell script so change the extension to .sh
3) We will see that the files extracted after each step are to be renamed in order to open the contents inside.
4) We do this until we get a plain text file containing what looks to be hex characters.

5) We convert it to ascii to get the flag.

Flag: picoCTF{f1len@m3_m@n1pul@t10n_f0r_0b2cur17y_950c4fee}