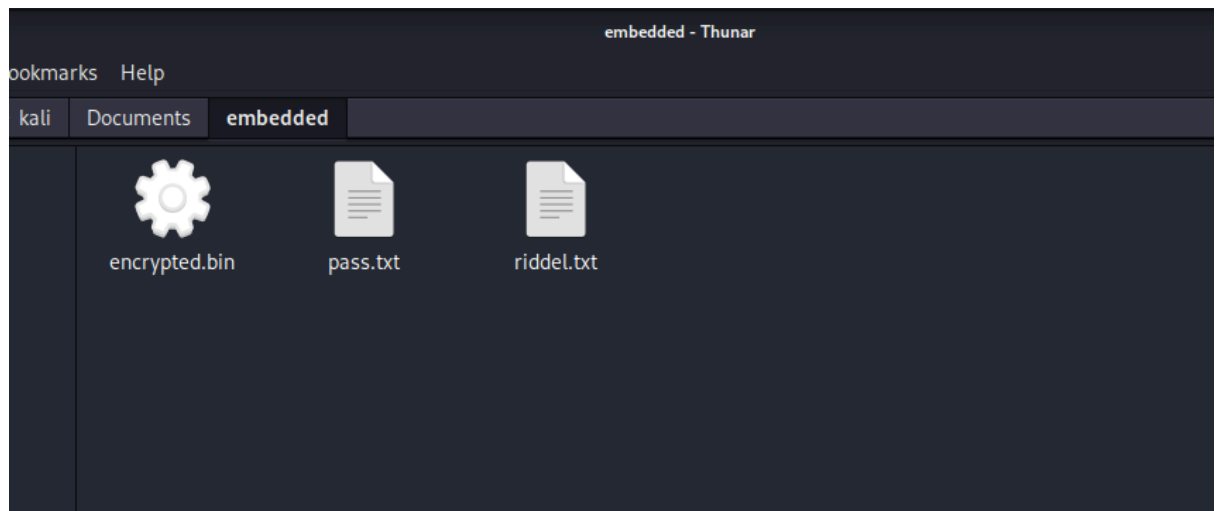


## The Archivist's Riddle.

1. Used binwalk challenge and it had multiple files.



- 2.
3. I changed the permissions using chmod +x challenge and ran strings challenge.zip

```
kali@kali: ~/Documents
File Actions Edit View Help
—(kali@kali)-[~/Documents]
$ strings challenge.zip
#!/bin/sh
echo shell
# This script is designed to extract a hidden archive from itself.
# It's a special kind of self-extracting archive.
# The key is understanding that the shell will ignore the binary data after the `
exit` command.
#!/bin/sh
# This script is part of a forensic investigation log for a corrupted data stream

=====
# System log entries and status checks - Do not modify.
=====

"
3:b 00fgetssstdinputsstrlenstrncpy__libc_start_mainprintfstrcmplibc.so.6GLIBC_2.2
5GLIBC_2.34__gmon_start__Aui K
0000 00000000 00(00this_is_not_the_real_flag_or_passwordAuthentication successf
l. The key to the next step is not here.Authentication failed. The key you seek
is elsewhere.Enter the secret key:

;*3$" l6
0000A
0 08!0H 0
>060F0V0f0v0
GCC: (GNU) 14.3.1 20250523 (Red Hat 14.3.1-1)AV:4p1269RV:running gcc 14.3.1 2025
0523BV:annobin gcc 14.3.1 20250523GW:0x7d60562 ../sysdeps/x86/abi-note.cSP:3SC:1C
F:8 ../sysdeps/x86/abi-note.cFL:0 ../sysdeps/x86/abi-note.cGA:1PI:4SE:0iS:0GW:0x7
d60562 init.cCF:8 init.cFL:0 init.cGW:0x7d60562 static-reloc.cSP:0 static-reloc.c
F:8 static-reloc.cFL:0 static-reloc.GA$3a10a0.shstrtab.note.gnu.property.note.gn
u.build-id.note.ABI-tag.init.text.fini.interp.gnu.hash.dynsym.dynstr.gnu.version.
gnu.version_r.rela.dyn.rela.plt.rodata.eh_frame_hdr.eh_frame.init_array.fini_arra
y.dynamic.got.got.plt.data.bss.comment.annobin.notes.gnu.build.attributes
0 0 Y
0 0 $ 0x0x$1|0| ?0
0 0 pE
0T0T
H 0H
k8!08!0s
```

4.

```
kali@kali: ~/Documents
File Actions Edit View Help
.uUH

H3:b   fgetsstdinstrlenstrcspn__libc_start_mainprintfstrcmplibc.so.6GLIBC_2.2
.5GLIBC_2.34__gmon_start__Aui K
?               (  this_is_not_the_real_flag_or_passwordAuthentication successf
ul. The key to the next step is not here.Authentication failed. The key you seek
is elsewhere.Enter the secret key:
echo "flag{executing... 'b
PTE1
8  H=8  t
8  H
8  H
8  H
.uUH

H3:b   fgetsstdinstrlenstrcspn__libc_start_mainprintfstrcmplibc.so.6GLIBC_2.2
.5GLIBC_2.34__gmon_start__Aui K
?               (  this_is_not_the_real_flag_or_passwordAuthentication successf
ul. The key to the next step is not here.Authentication failed. The key you seek
is elsewhere.Enter the secret key:
pFJ
sudo poweroff
this_is_not_the_real_flag_or_passwordAuthentication
tail -n +${(LINENO + 1)} "$0" | /usr/bin/unzip -
# The line above takes the file, pipes it to the unzip command,
# which reads the zip data from standard input.
sudo reboot
# You can add more shell commands here if you like to add more misdirection.
exit
encrypted.binUT
K_^>
`2L:y
/%~v
`x!|UZZ
|=]\LW
```

- 5.
6. I contacted OC and got the full flag: flag{executing\_the\_truth}